

10/520,768

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 28 PATDPAFULL - New display fields provide for legal status  
data from INPADOc  
NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available  
NEWS 5 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced  
NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY  
NEWS 10 MAR 22 PATDPASPC - New patent database available  
NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags  
NEWS 12 APR 04 EPFULL enhanced with additional patent information and new  
fields  
NEWS 13 APR 04 EMBASE - Database reloaded and enhanced  
NEWS 14 APR 18 New CAS Information Use Policies available online  
NEWS 15 APR 25 Patent searching, including current-awareness alerts (SDIs),  
based on application date in CA/CAPLUS and USPATFULL/USPAT2  
may be affected by a change in filing date for U.S.  
applications.  
NEWS 16 APR 28 Improved searching of U.S. Patent Classifications for  
U.S. patent records in CA/CAPLUS  
NEWS 17 MAY 23 GBFULL enhanced with patent drawing images  
NEWS 18 MAY 23 REGISTRY has been enhanced with source information from  
CHEMCATS  
NEWS 19 JUN 06 The Analysis Edition of STN Express with Discover!  
(Version 8.0 for Windows) now available  
NEWS 20 JUN 13 RUSSIAPAT: New full-text patent database on STN  
NEWS 21 JUN 13 FRFULL enhanced with patent drawing images  
NEWS 22 JUN 27 MARPAT displays enhanced with expanded G-group definitions  
and text labels  
NEWS 23 JUL 01 MEDICONF removed from STN  
NEWS 24 JUL 07 STN Patent Forums to be held in July 2005  
NEWS 25 JUL 13 SCISEARCH reloaded  
NEWS 26 JUL 20 Powerful new interactive analysis and visualization software,  
STN AnaVist, now available  
NEWS 27 AUG 11 Derwent World Patents Index(R) web-based training during  
August  
NEWS 28 AUG 11 STN AnaVist workshops to be held in North America  
  
NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability

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NEWS INTER      General Internet Information  
NEWS LOGIN      Welcome Banner and News Items  
NEWS PHONE      Direct Dial and Telecommunication Network Access to STN  
NEWS WWW        CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:59:37 ON 23 AUG 2005

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:59:47 ON 23 AUG 2005

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2

DICTIONARY FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

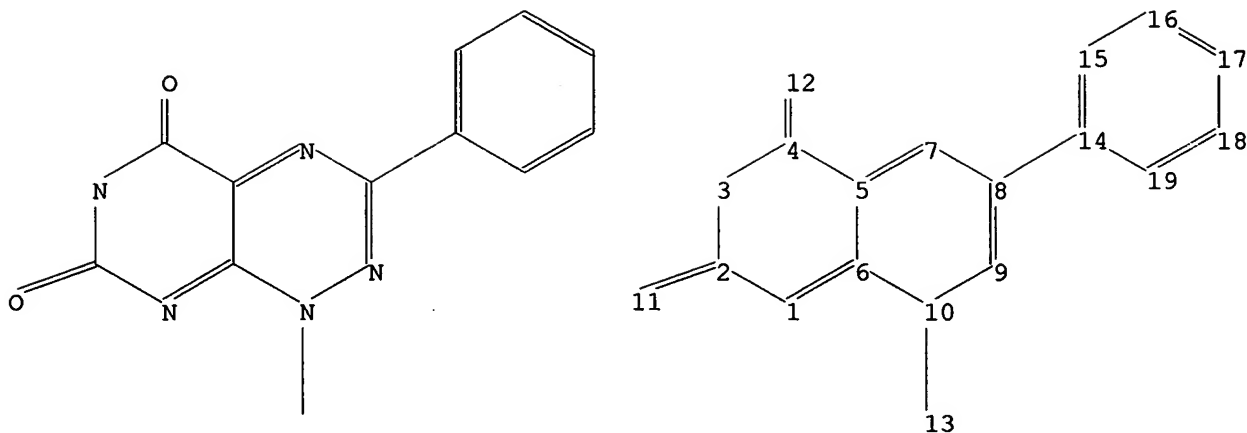
\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Documents and Settings\VBalasubramania\My Documents\STNEXP4\QUERIES\10520768.str



chain nodes :

11 12 13

ring nodes :

1 2 3 4 5 6 7 8 9 10 14 15 16 17 18 19

chain bonds :

2-11 4-12 8-14 10-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 14-15 14-19 15-16 16-17  
17-18 18-19

exact/norm bonds :

1-2 1-6 2-3 2-11 3-4 4-5 4-12 5-6 5-7 6-10 7-8 8-9 9-10 10-13

exact bonds :

8-14

normalized bonds :

14-15 14-19 15-16 16-17 17-18 18-19

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

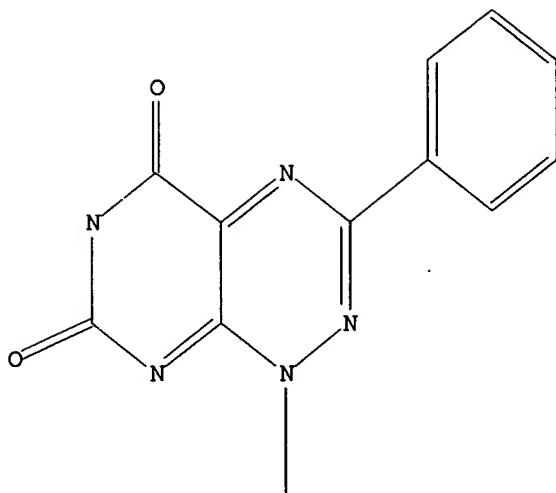
L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR

10/520,768



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 16:00:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 18 TO ITERATE

100.0% PROCESSED 18 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 106 TO 614

PROJECTED ANSWERS: 6 TO 266

L2 6 SEA SSS SAM L1

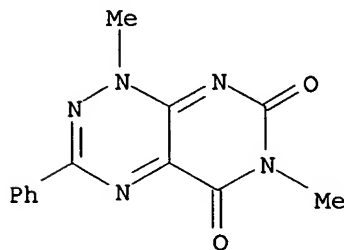
=> d scan

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI)

MF C13 H11 N5 O2

CI COM

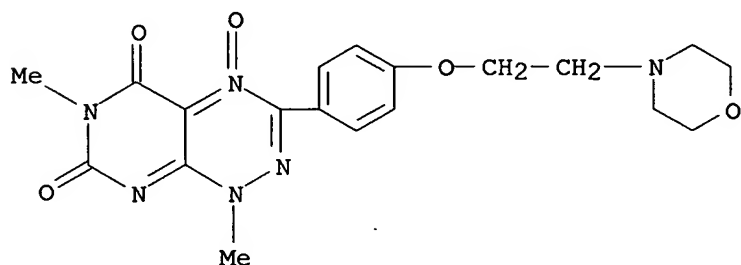


10/520,768

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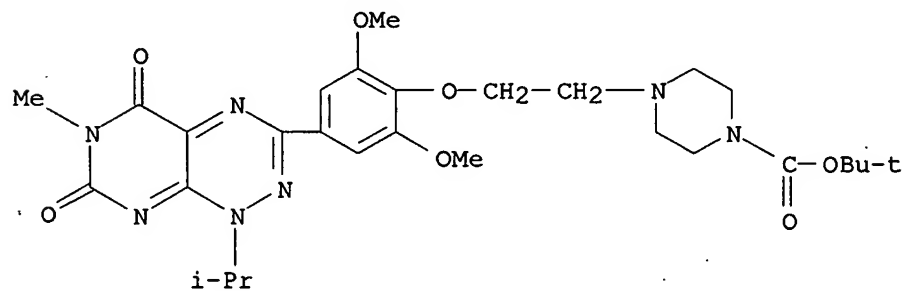
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-{2-(4-morpholinyl)ethoxy}phenyl]-, 4-oxide (9CI)  
MF C19 H22 N6 O5



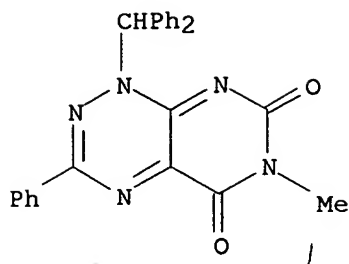
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IN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI)  
MF C28 H39 N7 O7



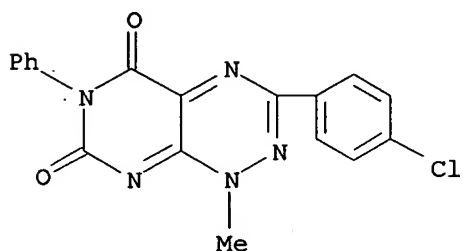
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-methyl-3-phenyl- (9CI)  
MF C25 H19 N5 O2



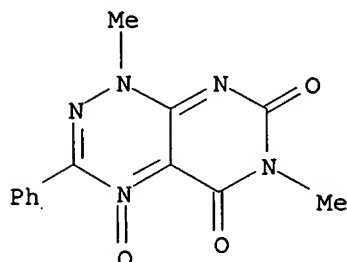
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI)  
 MF C18 H12 Cl N5 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI)  
 MF C13 H11 N5 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

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=> s l1 sss ful  
FULL SEARCH INITIATED 16:00:32 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 336 TO ITERATE

100.0% PROCESSED 336 ITERATIONS 119 ANSWERS  
SEARCH TIME: 00.00.01

L3 119 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 161.33 161.54

FILE 'CAPLUS' ENTERED AT 16:00:38 ON 23 AUG 2005  
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FILE COVERS 1907 - 23 Aug 2005 VOL 143 ISS 9  
FILE LAST UPDATED: 22 Aug 2005 (20050822/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

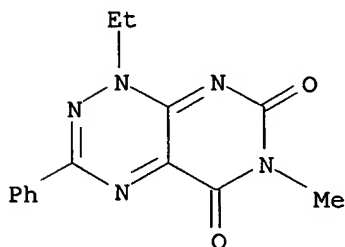
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L4 22 L3

=> d l4 1-22 bib hitstr

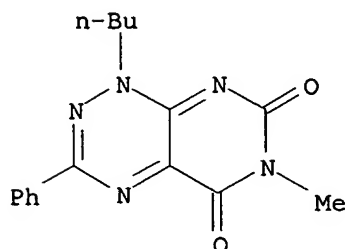
L4 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:605439 CAPLUS  
DN 141:157139  
TI Preparation of pyrimido(5,4-e)(1,2,4)triazin-5,7-diones as phosphotyrosine phosphatase 1B inhibitors for the treatment of type II diabetes.  
IN Petry, Stefan; Baringhaus, Karl-Heinz; Tennagels, Norbert; Mueller, Guenter  
PA Aventis Pharma Deutschland GmbH, Germany  
SO Ger. Offen., 20 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10301788	A1	20040729	DE 2003-10301788	20030120

WO 2004065387 A1 20040805 WO 2004-EP40 20040107  
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BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR,  
CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG,  
ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU,  
ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ,  
KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN,  
MW, MX, MX, MZ  
US 2004242583 A1 20041202 US 2004-760509 20040120  
PRAI DE 2003-10301788 A 20030120  
US 2003-478756P P 20030616  
OS MARPAT 141:157139  
IT 164520-05-2P 164520-07-4P 729598-89-4P  
729598-91-8P 729598-92-9P 729598-93-0P  
729598-94-1P 729598-96-3P 729598-97-4P  
729598-98-5P 729598-99-6P 729599-00-2P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of pyrimidotriazinylidiones as phosphotyrosine phosphatase 1B  
inhibitors for the treatment of type II diabetes.)  
RN 164520-05-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)

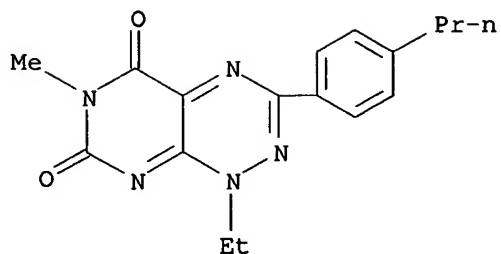


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(9CI) (CA INDEX NAME)



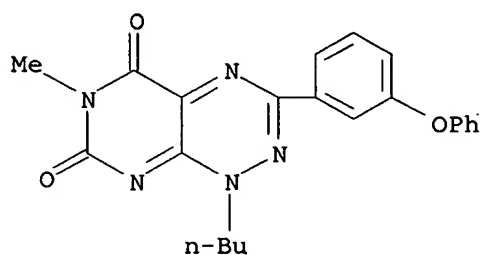
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(4-propylphenyl)- (9CI) (CA INDEX NAME)





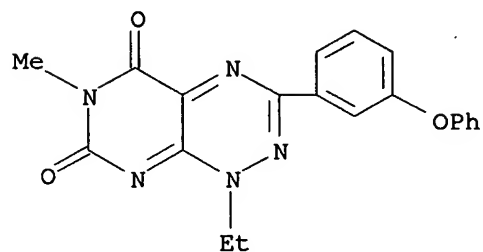
RN 729598-91-8 CAPLUS

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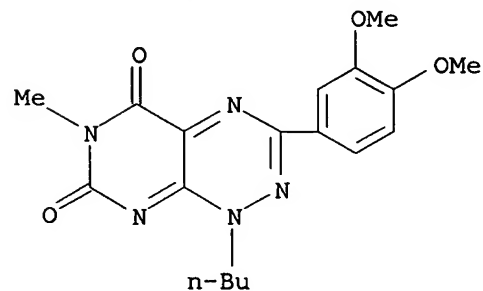
RN 729598-92-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)



RN 729598-93-0 CAPLUS

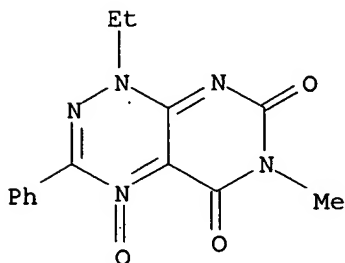
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



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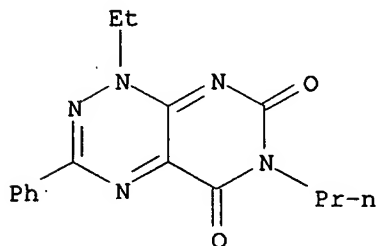
RN 729598-94-1 CAPLUS

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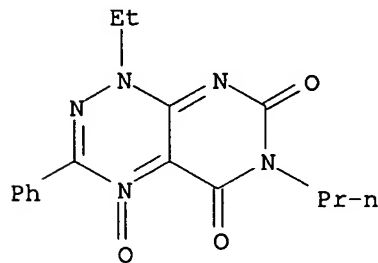
RN 729598-96-3 CAPLUS

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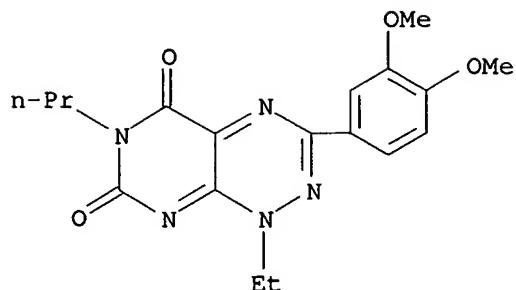
RN 729598-97-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-phenyl-6-propyl-, 4-oxide (9CI) (CA INDEX NAME)



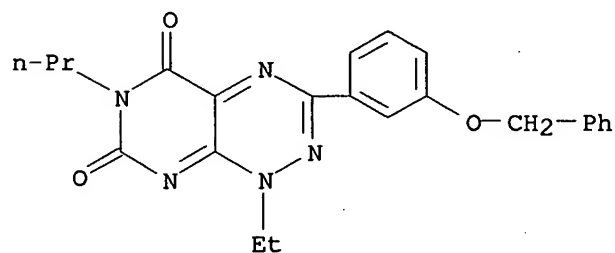
RN 729598-98-5 CAPLUS

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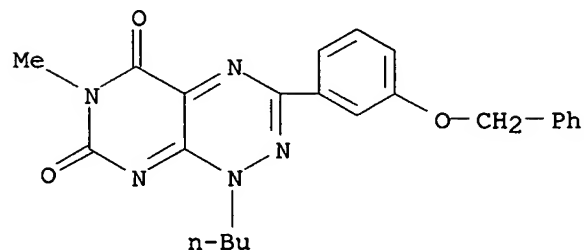
RN 729598-99-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-[3-(phenylmethoxy)phenyl]-6-propyl- (9CI) (CA INDEX NAME)



RN 729599-00-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-[3-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:60511 CAPLUS

DN 140:111194

TI Preparation of 3-phenyl analogs of toxoflavine as kinase inhibitors

IN Lacrampe, Jean Fernand Armand; Connors, Richard William; Ho, Chih Yung; Richardson, Alan; Freyne, Eddy Jean Edgard; Buijnsters, Peter Jacobus Johannes; Bakker, Annette Cornelia

PA Janssen Pharmaceutica N.V., Belg.

SO PCT Int. Appl., 71 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.

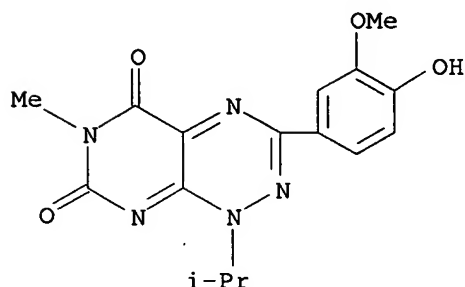
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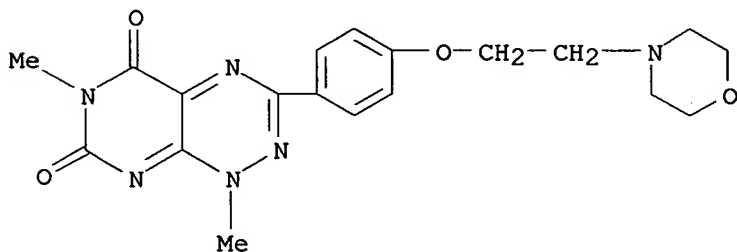
APPLICATION NO.

DATE

PI WO 2004007498 A2 20040122 WO 2003-EP50292 20030708  
 WO 2004007498 A3 20040708  
 WO 2004007498 C2 20040812  
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 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,  
 TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 CA 2509821 AA 20040122 CA 2003-2509821 20030708  
 EP 1523484 A2 20050420 EP 2003-763901 20030708  
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 PRAI EP 2002-77823 A 20020715  
 WO 2003-EP50292 W 20030708  
 OS MARPAT 140:111194  
 IT **646070-48-6P 646070-50-0P 646070-52-2P**  
**646070-56-6P 646070-57-7P 646070-58-8P**  
**646070-59-9P 646070-60-2P**  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic  
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
 (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)  
 RN 646070-48-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3-  
 methoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



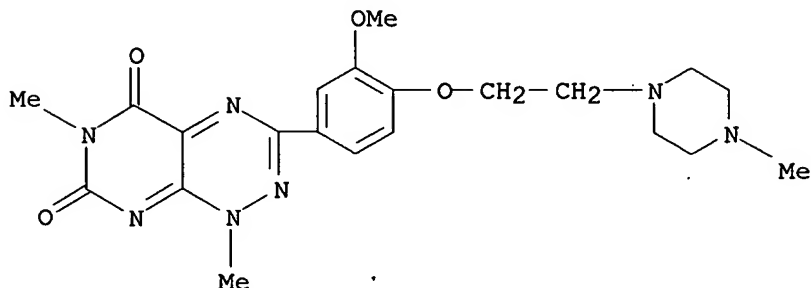
RN 646070-50-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-  
 morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646070-52-2 CAPLUS

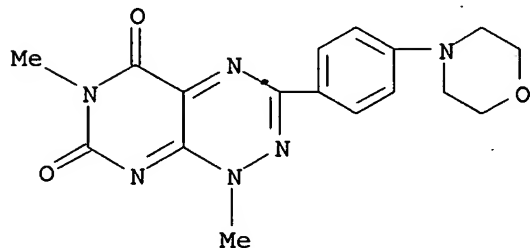
10/520,768

CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl- (9CI)    (CA INDEX NAME)



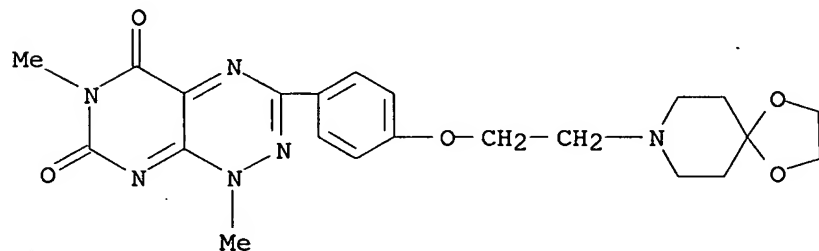
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CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]- (9CI)    (CA INDEX NAME)



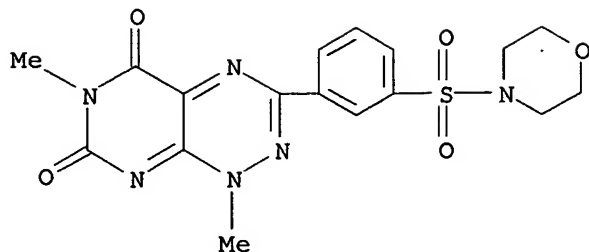
RN 646070-57-7 CAPLUS

CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-1,6-dimethyl- (9CI)    (CA INDEX NAME)



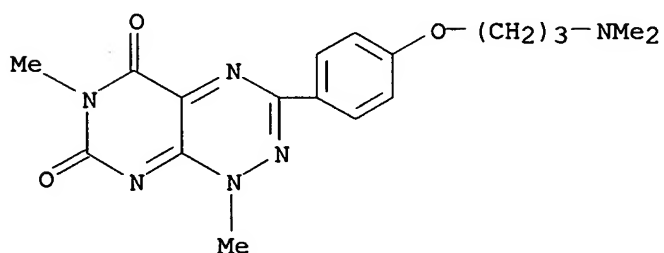
RN 646070-58-8 CAPLUS

CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



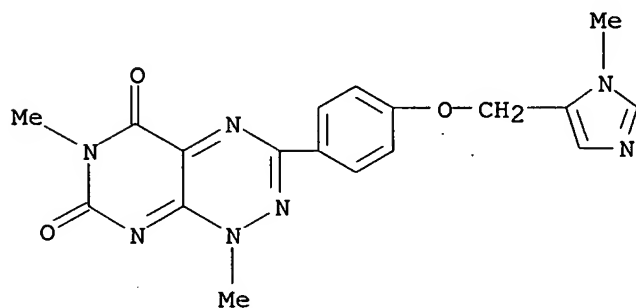
RN 646070-59-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 646070-60-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]- (9CI) (CA INDEX NAME)



IT 164520-16-5P 296266-45-0P 646070-47-5P  
 646070-49-7P 646070-51-1P 646070-53-3P  
 646070-54-4P 646070-61-3P 646070-62-4P  
 646070-63-5P 646070-65-7P 646070-69-1P  
 646070-70-4P 646070-71-5P 646070-72-6P  
 646070-74-8P 646070-75-9P 646070-76-0P  
 646070-77-1P 646070-78-2P 646070-79-3P  
 646070-80-6P 646070-81-7P 646070-82-8P  
 646070-83-9P 646070-84-0P 646070-85-1P  
 646070-86-2P 646070-87-3P 646070-88-4P  
 646070-89-5P 646070-90-8P 646070-91-9P  
 646070-92-0P 646070-93-1P 646070-94-2P  
 646070-95-3P 646070-96-4P 646070-97-5P  
 646070-98-6P 646070-99-7P 646071-00-3P  
 646071-01-4P 646071-02-5P 646071-03-6P

646071-04-7P 646071-05-8P 646071-06-9P

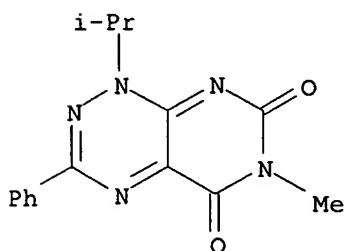
646071-07-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

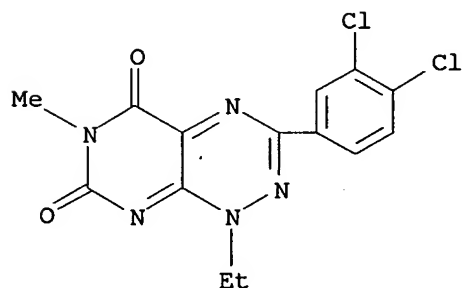
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



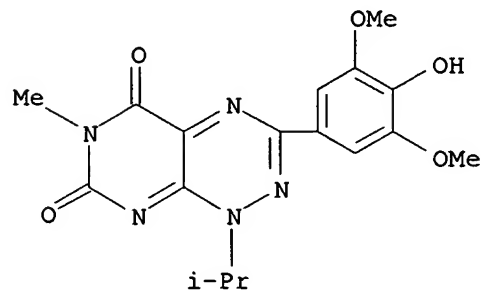
RN 296266-45-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



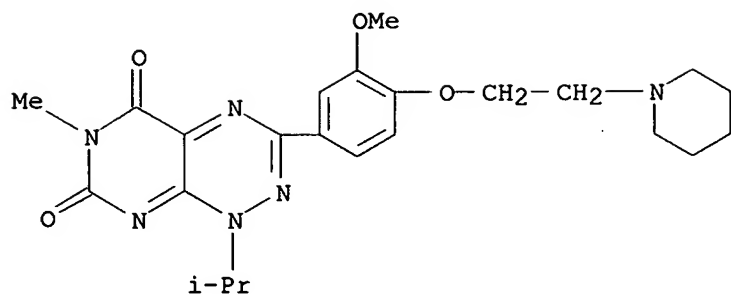
RN 646070-47-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3,5-dimethoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



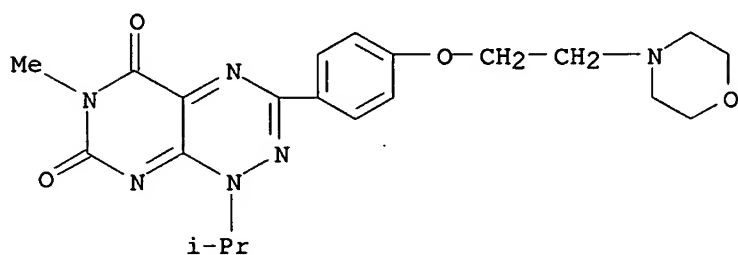
RN 646070-49-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



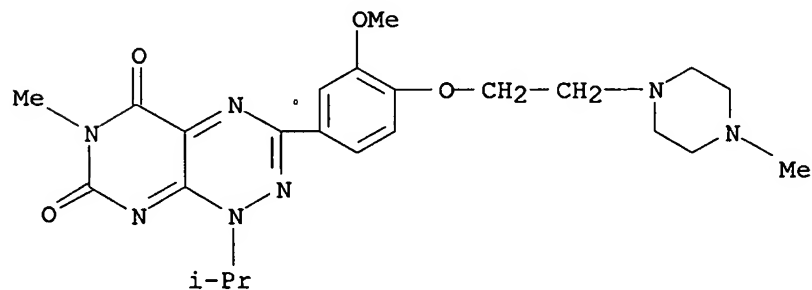
RN 646070-51-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646070-53-3 CAPLUS

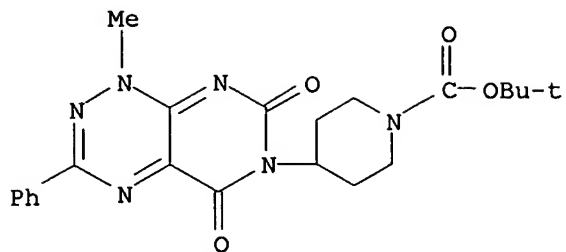
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 646070-54-4 CAPLUS

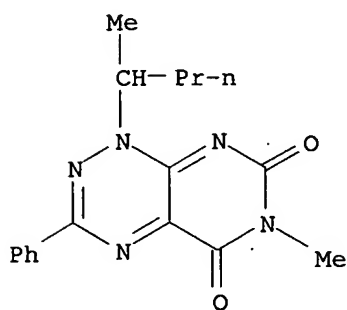
CN 1-Piperidinecarboxylic acid, 4-(1,7-dihydro-1-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)





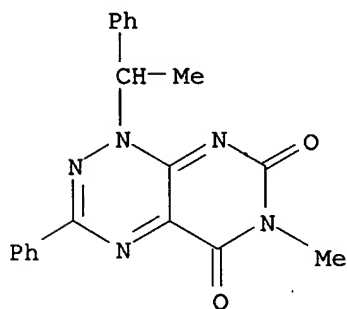
RN 646070-61-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylbutyl)-3-phenyl- (9CI) (CA INDEX NAME)



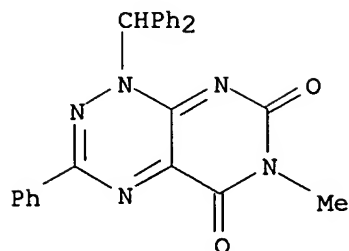
RN 646070-62-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(1-phenylethyl)- (9CI) (CA INDEX NAME)



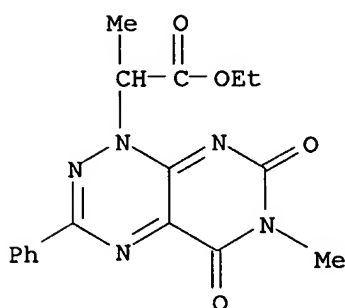
RN 646070-63-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



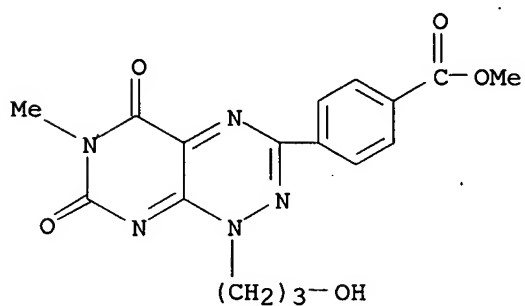
RN 646070-65-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-1(5H)-acetic acid, 6,7-dihydro-α,6-dimethyl-5,7-dioxo-3-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



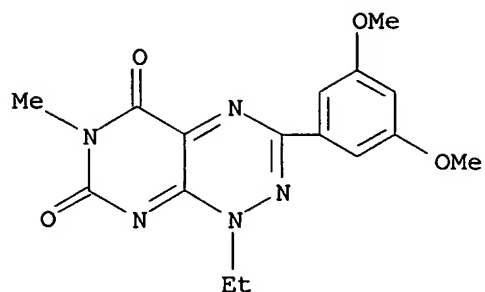
RN 646070-69-1 CAPLUS

CN Benzoic acid, 4-[1,5,6,7-tetrahydro-1-(3-hydroxypropyl)-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



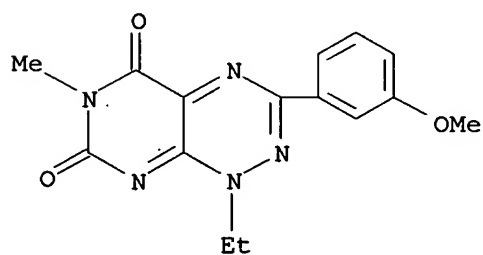
RN 646070-70-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,5-dimethoxyphenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



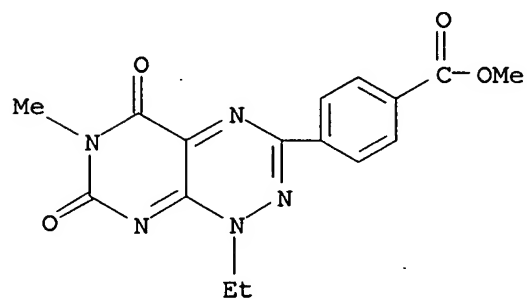
RN 646070-71-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(3-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



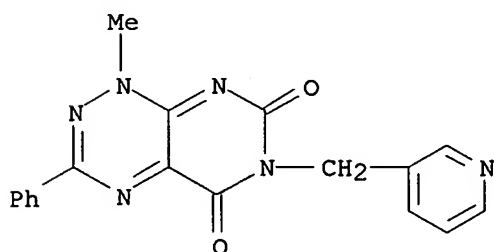
RN 646070-72-6 CAPLUS

CN Benzoic acid, 4-(1-ethyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-, methyl ester (9CI) (CA INDEX NAME)



RN 646070-74-8 CAPLUS

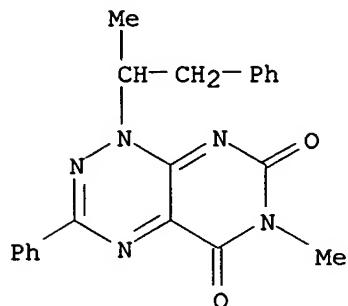
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



10/520,768

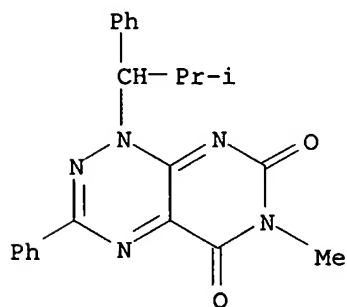
RN 646070-75-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methyl-2-phenylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



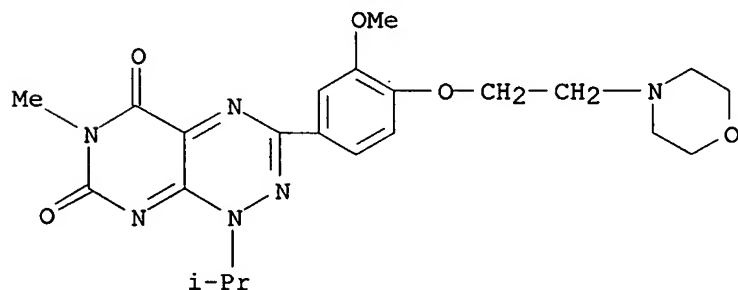
RN 646070-76-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2-methyl-1-phenylpropyl)-3-phenyl- (9CI) (CA INDEX NAME)



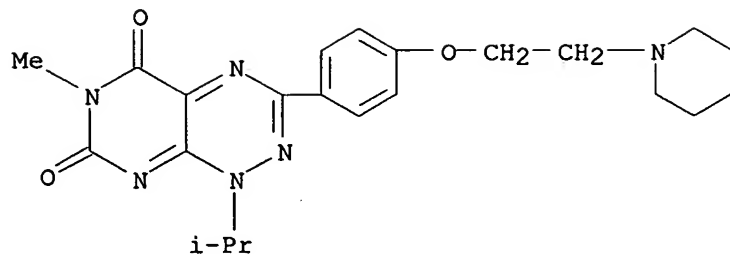
RN 646070-77-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



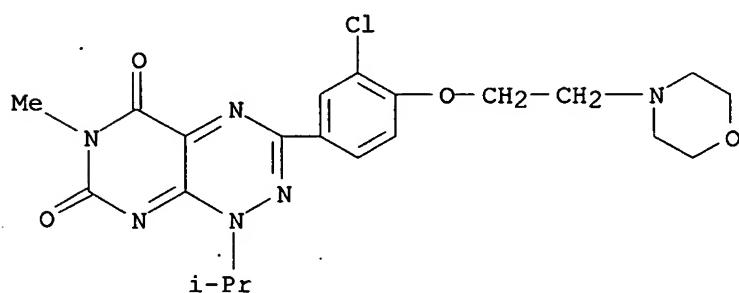
RN 646070-78-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



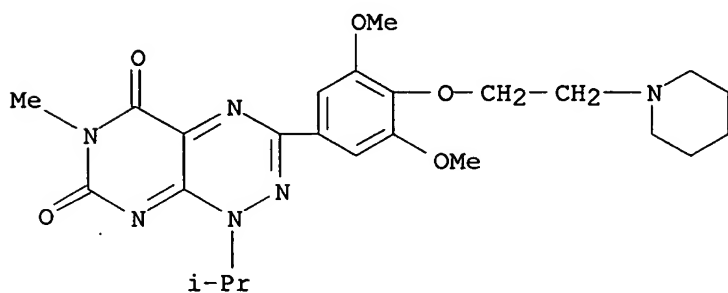
RN 646070-79-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



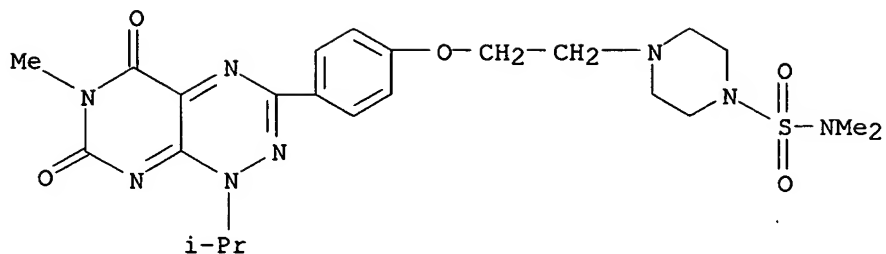
RN 646070-80-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



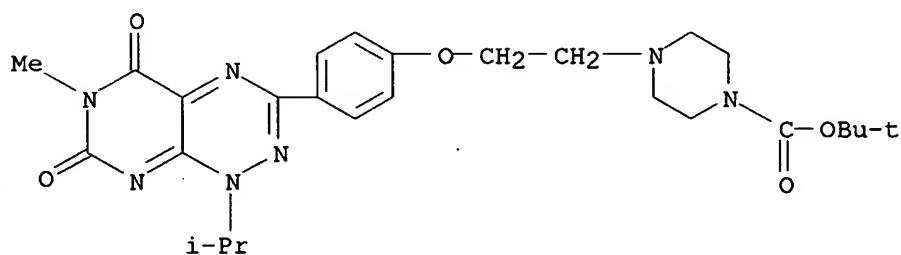
RN 646070-81-7 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



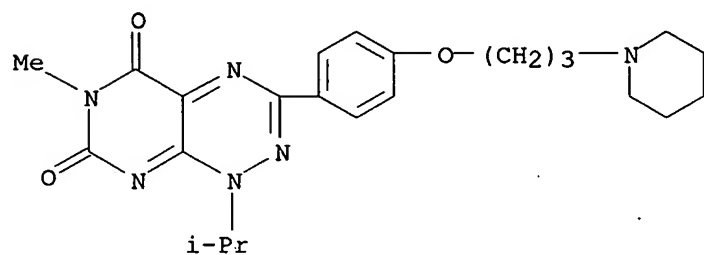
RN 646070-82-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



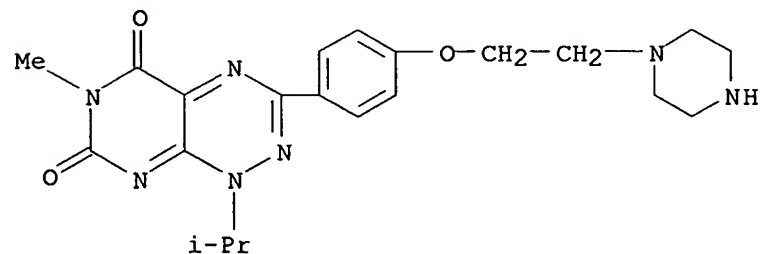
RN 646070-83-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(1-piperidinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



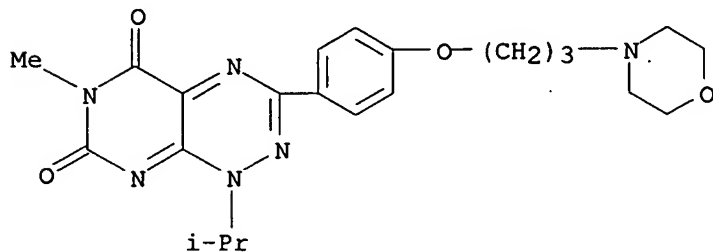
RN 646070-84-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



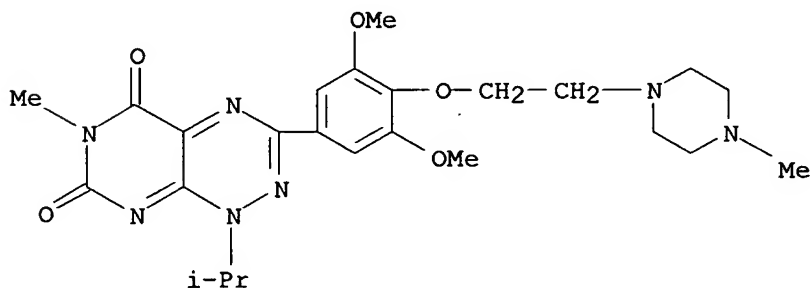
RN 646070-85-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(4-morpholinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



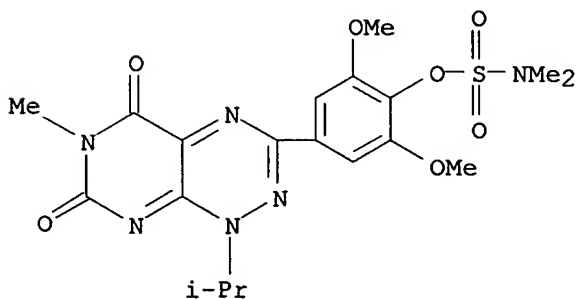
RN 646070-86-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



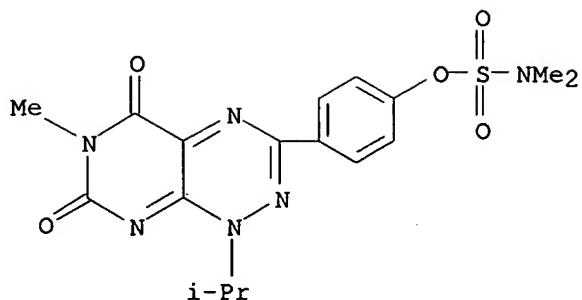
RN 646070-87-3 CAPLUS

CN Sulfamic acid, dimethyl-, 2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



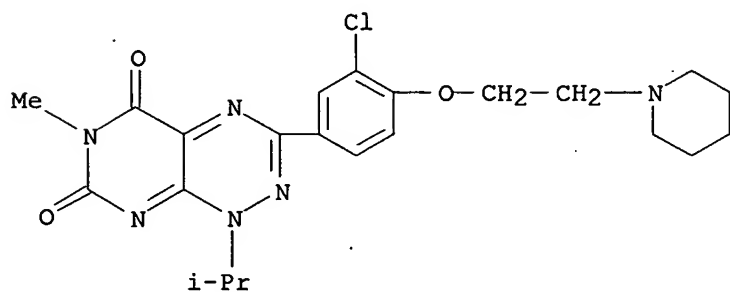
RN 646070-88-4 CAPLUS

CN Sulfamic acid, dimethyl-, 4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



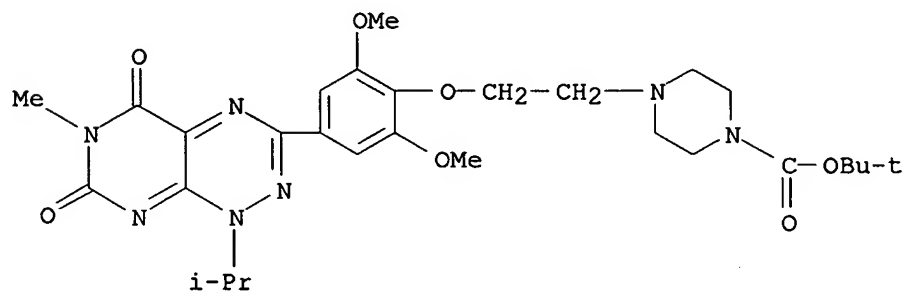
RN 646070-89-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 646070-90-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

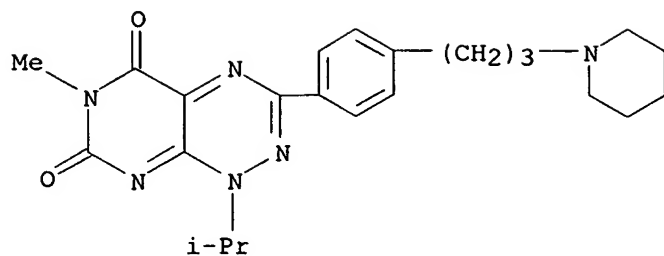


RN 646070-91-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)

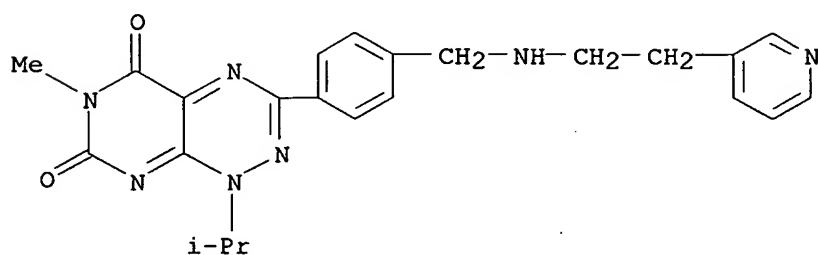


10/520,768



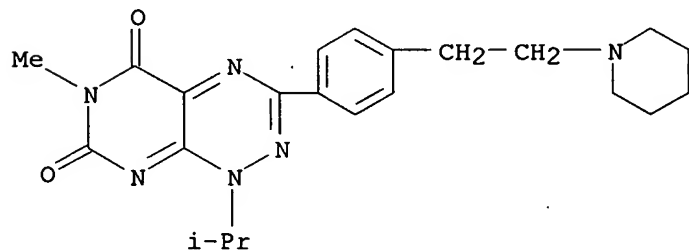
RN 646070-92-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[[[2-(3-pyridinyl)ethyl]amino]methyl]phenyl]- (9CI) (CA INDEX NAME)



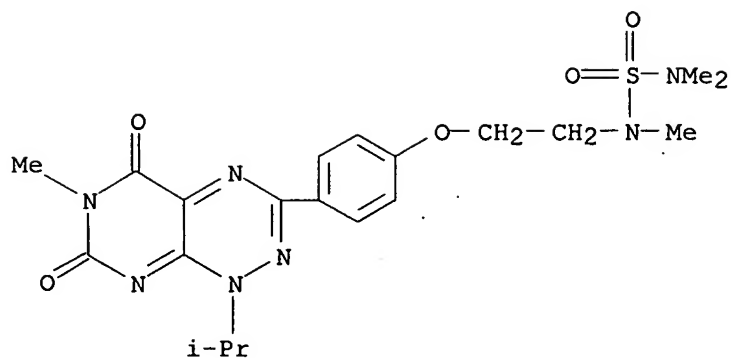
RN 646070-93-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



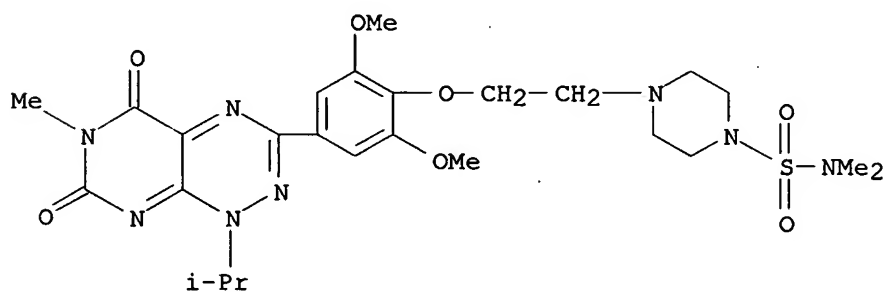
RN 646070-94-2 CAPLUS

CN Sulfamide, N,N,N'-trimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



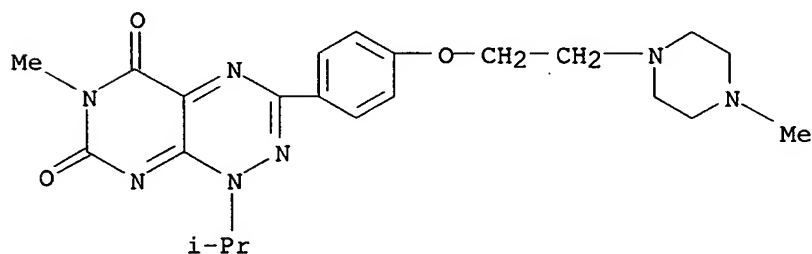
RN 646070-95-3 CAPLUS

CN 1-Piperazinesulfonamide, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



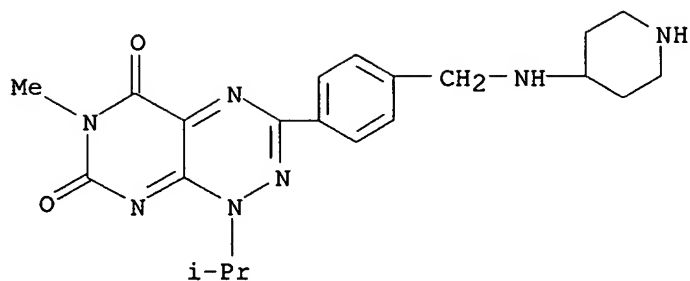
RN 646070-96-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



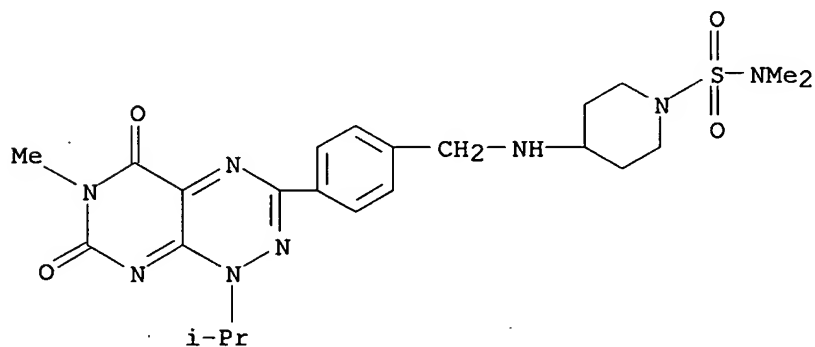
RN 646070-97-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[(4-piperidinylamino)methyl]phenyl]- (9CI) (CA INDEX NAME)



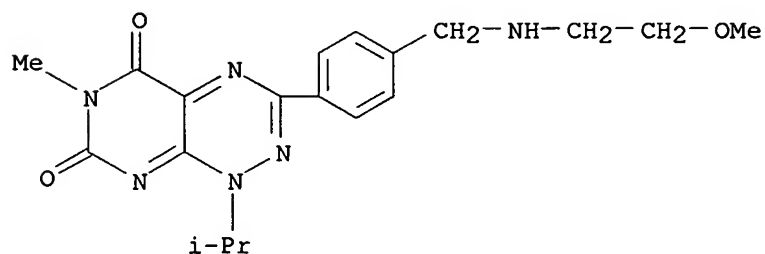
RN 646070-98-6 CAPLUS

CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



RN 646070-99-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[[2-methoxyethyl]amino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

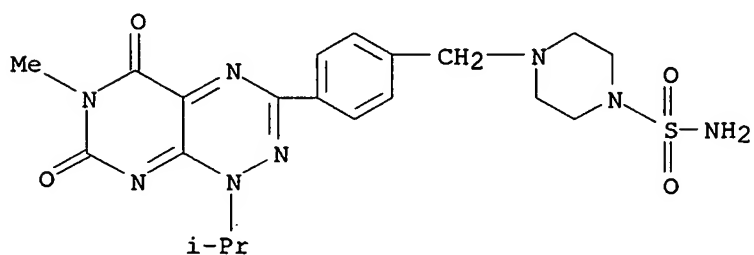


RN 646071-00-3 CAPLUS

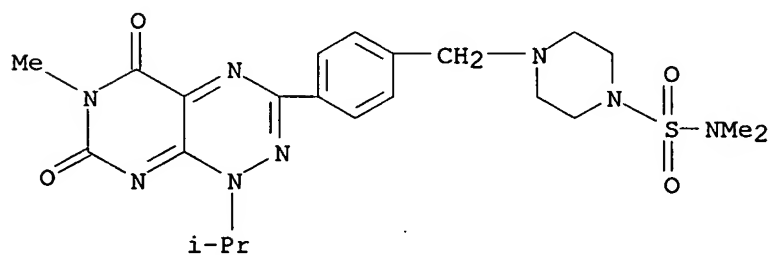
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(2-aminoethoxy)phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

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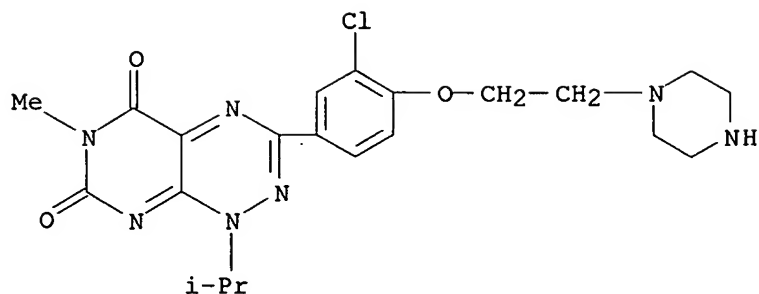
CN 1-Piperazinesulfonamide, 4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl)methyl]-(9CI) (CA INDEX NAME)



CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]-  
(9CI) (CA INDEX NAME)

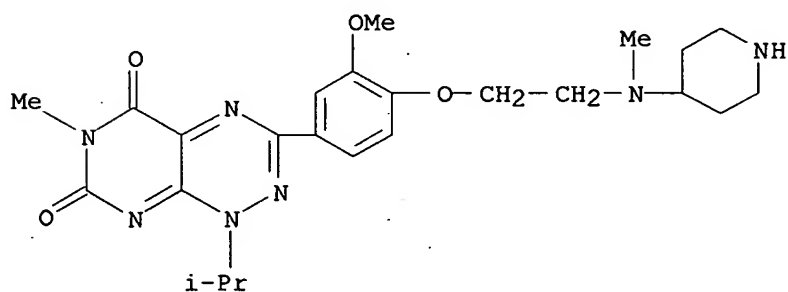


CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



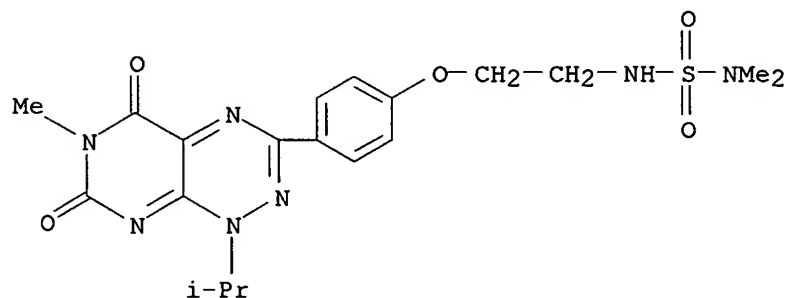
RN 646071-04-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(methyl-4-piperidinylamino)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



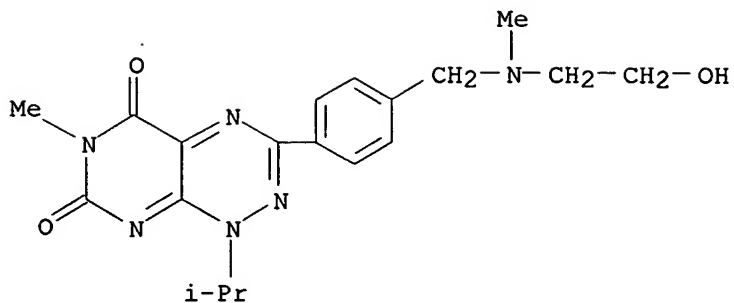
RN 646071-05-8 CAPLUS

CN Sulfamide, N,N-dimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



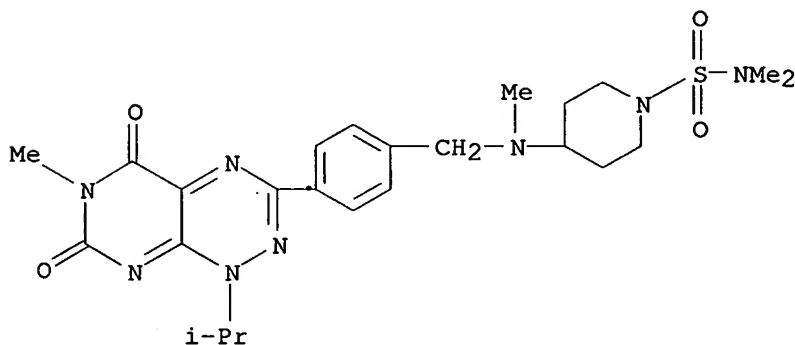
RN 646071-06-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[(2-hydroxyethyl)methylamino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 646071-07-0 CAPLUS

CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[methyl[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



IT 646071-73-0P 646071-77-4P 646071-81-0P

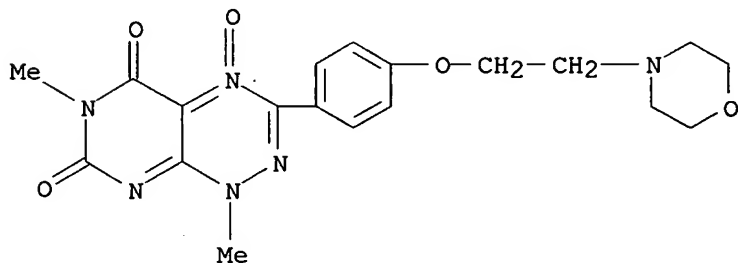
646071-87-6P 646071-91-2P 646071-95-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

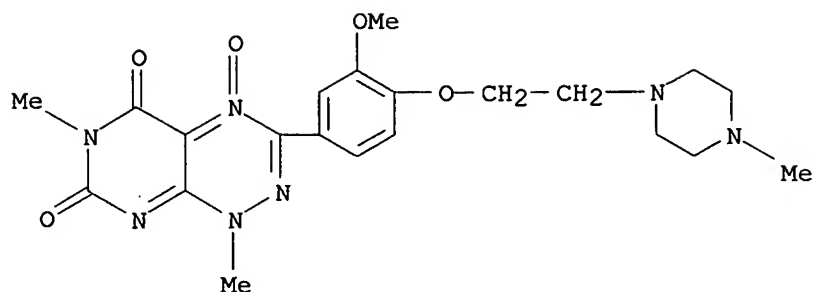
RN 646071-73-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



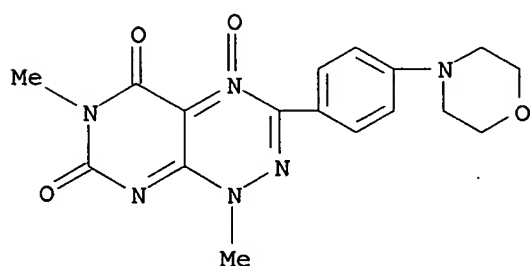
RN 646071-77-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



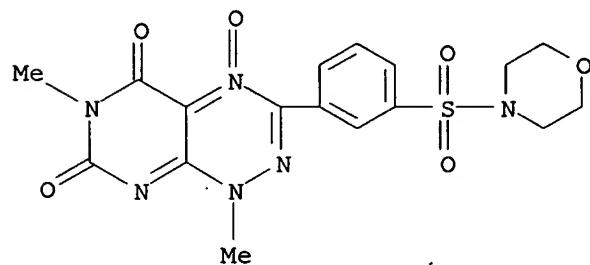
RN 646071-81-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



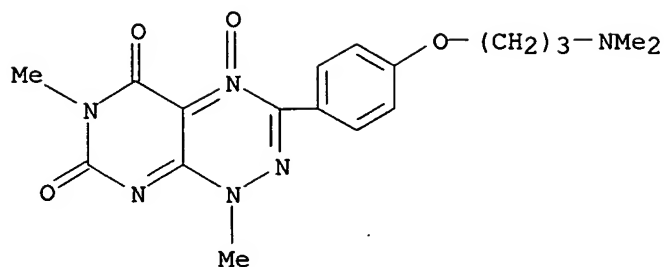
RN 646071-87-6 CAPLUS

CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



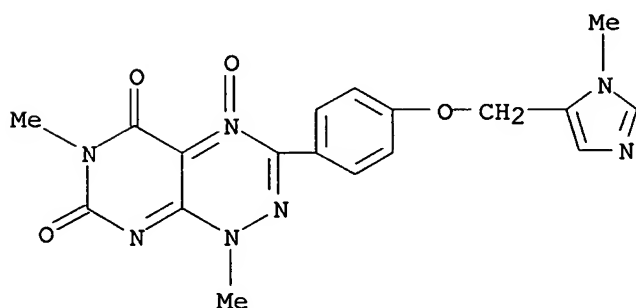
RN 646071-91-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 646071-95-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:166470 CAPLUS

DN 134:311011

TI General syntheses of 1-alkyltoxoflavin and 8-alkylferavenulin derivatives of biological significance by the regioselective alkylation of reumycin derivatives and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles

AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi

CS Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530, Japan

SO Journal of the Chemical Society, Perkin Transactions 1 (2001), (2), 130-137

CODEN: JCSPCE; ISSN: 1472-7781

PB Royal Society of Chemistry

DT Journal

LA English

OS CASREACT 134:311011

IT 32502-63-9P

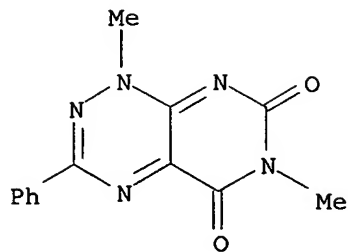
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 1-alkyltoxoflavin and 8-alkylferavenulin derivs. by the regioselective alkylation of reumycin derivs. and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles)

RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)





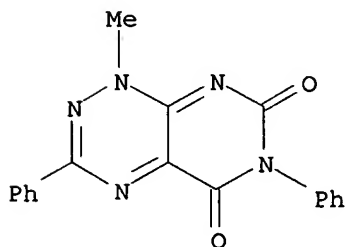
IT 148613-62-1P 164520-05-2P 164520-06-3P  
 164520-07-4P 164520-08-5P 164520-09-6P  
 164520-10-9P 164520-16-5P 164520-18-7P  
 164520-19-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. by the regioselective alkylation of reumycin derivs. and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles)

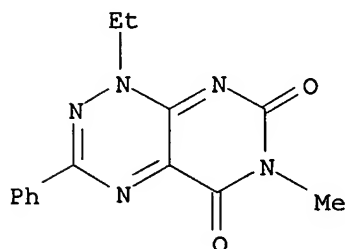
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-05-2 CAPLUS

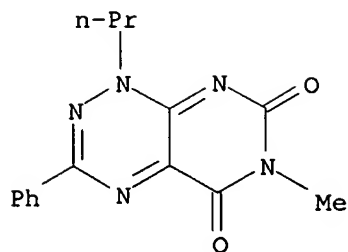
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-06-3 CAPLUS

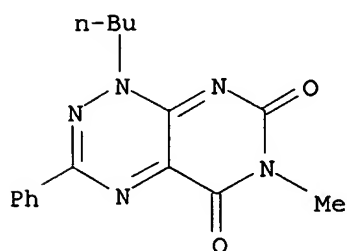
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)

10/520,768



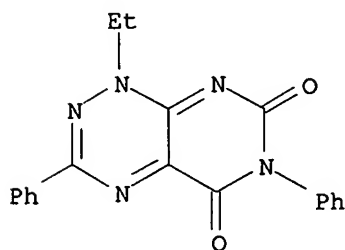
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



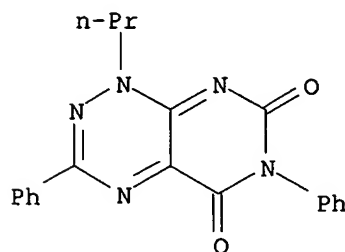
RN 164520-08-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-09-6 CAPLUS

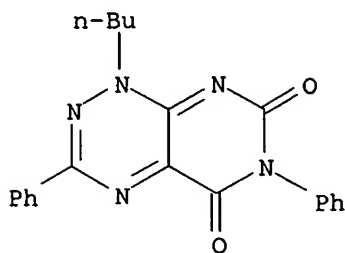
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-  
(9CI) (CA INDEX NAME)



RN 164520-10-9 CAPLUS

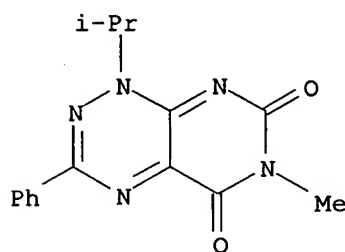
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



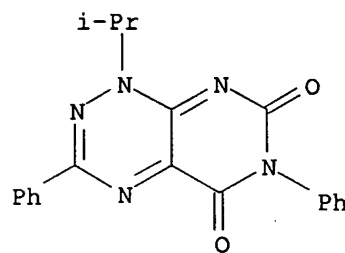
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



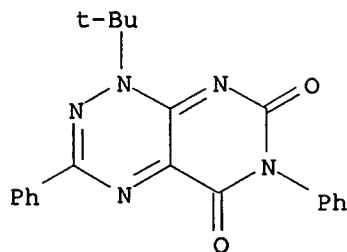
RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS

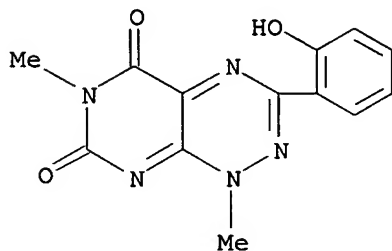
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



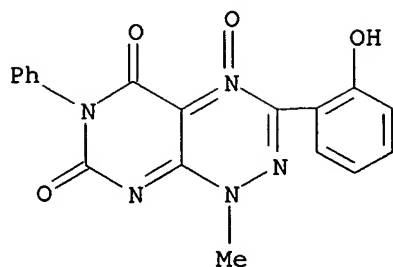
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1997:648541 CAPLUS  
DN 127:336635  
TI Anticancer agents containing 7-azapteridines  
IN Nagamatsu, Tomofumi; Yamagishi, Takehiro; Yoneda, Fumio  
PA Taisho Pharmaceutical Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09255681	A2	19970930	JP 1996-67814	19960325
PRAI	JP 1996-67814		19960325		
OS	MARPAT 127:336635				
IT	<b>198007-87-3P 198007-89-5P</b>				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (anticancer agents containing 7-azapteridines)				
RN	198007-87-3 CAPLUS				
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)				



RN 198007-89-5 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



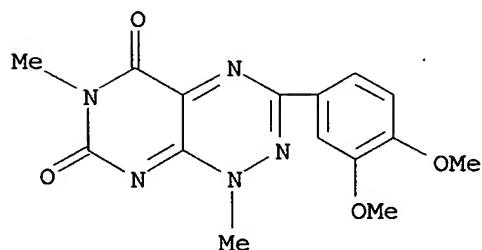
IT 32502-16-2 32502-63-9 52199-05-0  
 52348-60-4 57024-55-2 57562-64-8  
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 148613-66-5 148613-67-6 148613-68-7  
 148613-71-2 148613-73-4 164520-06-3  
 164520-07-4

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(anticancer agents containing 7-azapteridines)

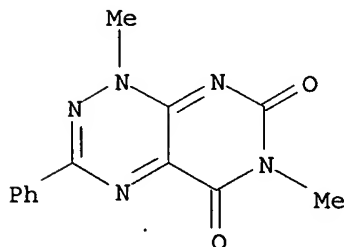
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

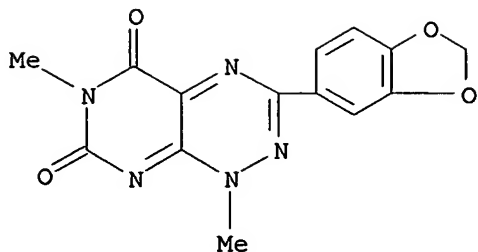
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 52199-05-0 CAPLUS

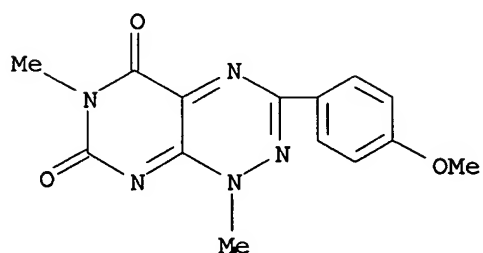
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

10/520,768



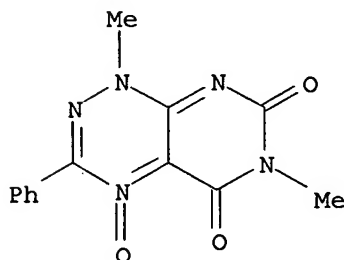
RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



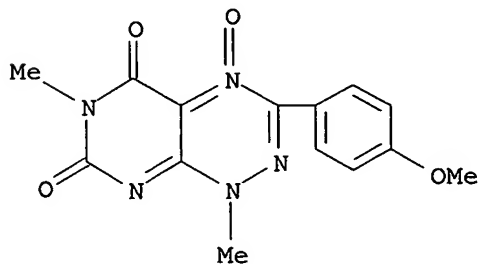
RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-64-8 CAPLUS

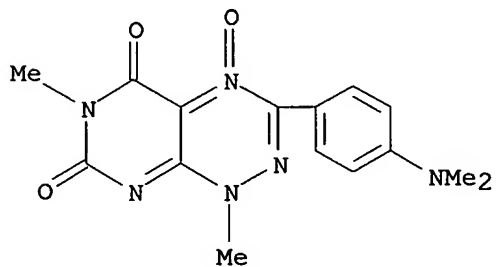
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RN 60026-35-9 CAPLUS

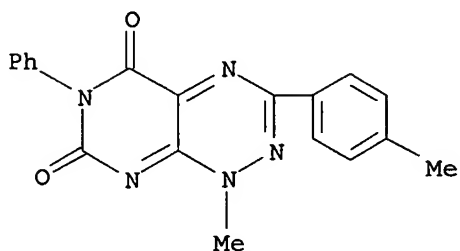
10/520,768

CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI)    (CA INDEX NAME)



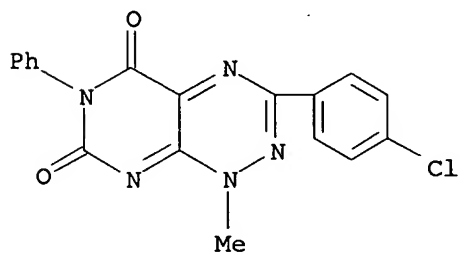
RN    148613-63-2    CAPLUS

CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl- (9CI)    (CA INDEX NAME)



RN    148613-65-4    CAPLUS

CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI)    (CA INDEX NAME)

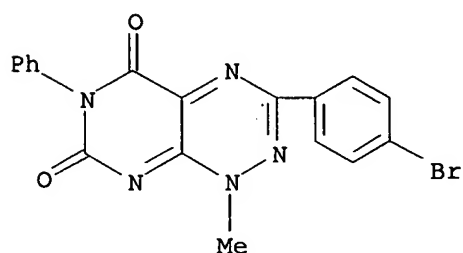


RN    148613-66-5    CAPLUS

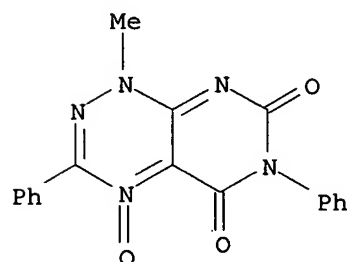
CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI)    (CA INDEX NAME)

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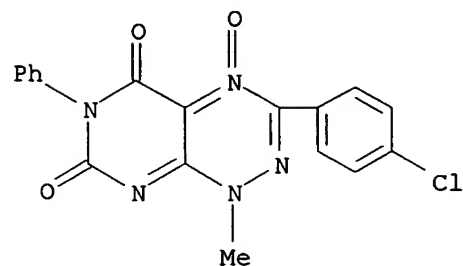
CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI)    (CA INDEX NAME)



CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-,  
4-oxide (9CI)    (CA INDEX NAME)



CN    Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI)    (CA INDEX NAME)

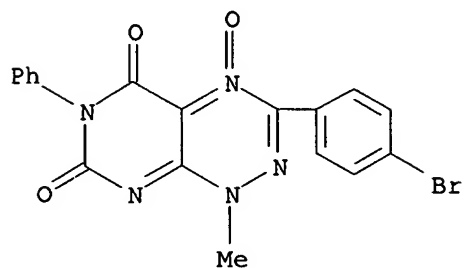


RN 148613-73-4 CAPLUS



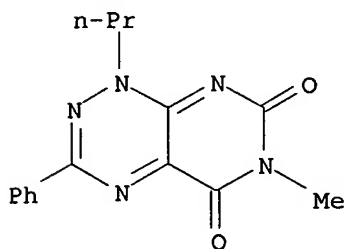
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



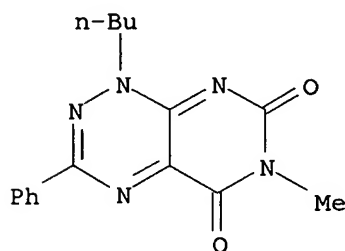
RN 164520-06-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)



RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:318648 CAPLUS

DN 127:17521

TI Facile and general syntheses of 1-alkyltoxoflavin and 8-alkylfervenuin derivatives of biological significance by the regiospecific alkylation of reumycin (1-demethyltoxoflavin, 8-demethylfervenuin) derivatives

AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi

CS Faculty Pharmaceutical Sciences, Okayama Univ., Tsushima, 700, Japan

SO Heterocycles (1997), 45(4), 643-650

CODEN: HTCYAM; ISSN: 0385-5414

PB Japan Institute of Heterocyclic Chemistry

DT Journal

LA English

10/520,768

OS CASREACT 127:17521

IT 32502-63-9P 164520-06-3P 164520-09-6P

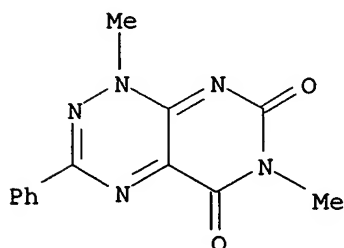
164520-16-5P 164520-19-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. via the regiospecific alkylation of reumycin derivs.)

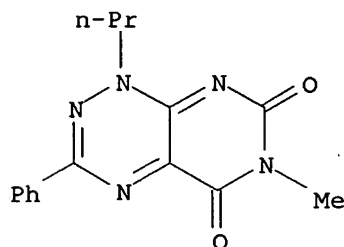
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



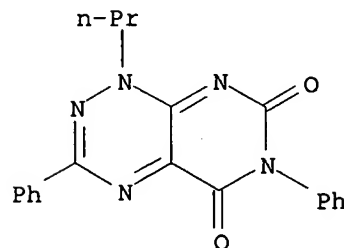
RN 164520-06-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)



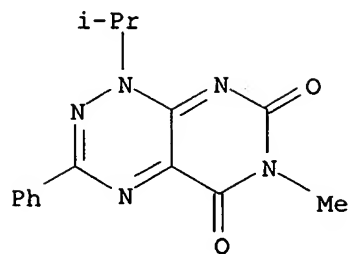
RN 164520-09-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl- (9CI) (CA INDEX NAME)



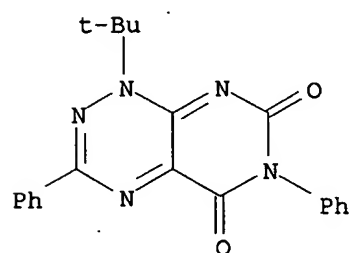
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



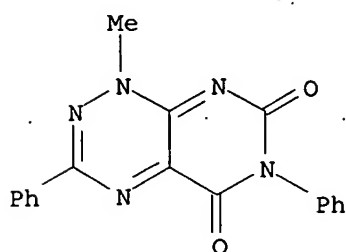
IT 148613-62-1P 164520-07-4P 164520-10-9P

164520-18-7P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(synthesis and antitumor activity of 1-alkyltoxoflavin and  
8-alkylferavenulin derivs. via the regiospecific alkylation of reumycin  
derivs.)

RN 148613-62-1 CAPLUS

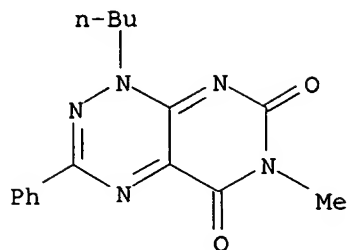
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



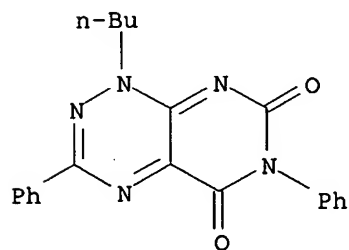
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)

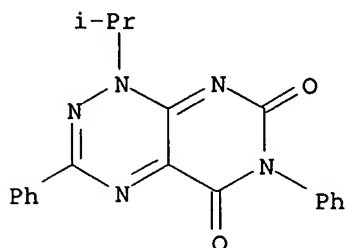
10/520,768



RN 164520-10-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-18-7 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-  
diphenyl- (9CI) (CA INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1995:657612 CAPLUS  
DN 123:55928  
TI Preparation of 1- or 8-alkyl-7-azapteridine derivative by selective  
alkylation  
IN Nagamatsu, Tomofumi  
PA Taisho Pharma Co Ltd, Japan  
SO Jpn. Kokai Tokkyo Koho, 9 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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10/520,768

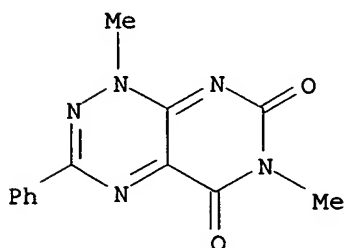
PI JP 07041479 A2 19950210 JP 1993-185760 19930728  
PRAI JP 1993-185760 19930728  
OS CASREACT 123:55928; MARPAT 123:55928  
IT 32502-63-9P 148613-62-1P 164520-05-2P  
164520-06-3P 164520-07-4P 164520-08-5P  
164520-09-6P 164520-10-9P 164520-16-5P  
164520-18-7P 164520-19-8P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of alkylazapteridine derivative by regioselective alkylation of  
azapteridine derivative with (cyclo)alkyl halide or sulfate)

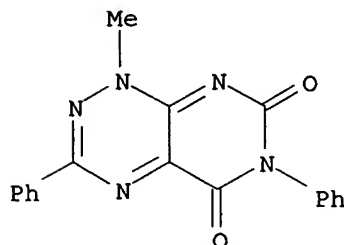
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



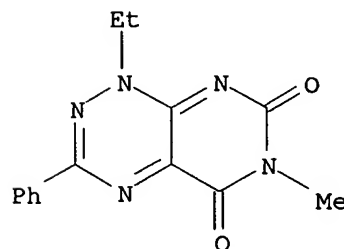
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-05-2 CAPLUS

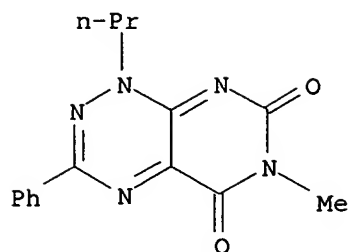
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



RN 164520-06-3 CAPLUS

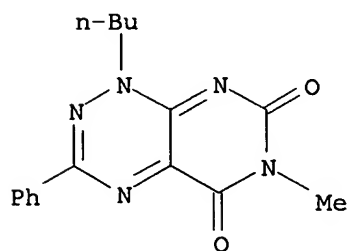
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-  
propyl- (9CI) (CA INDEX NAME)

10/520,768



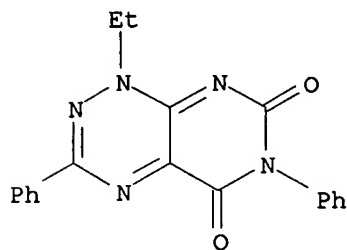
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



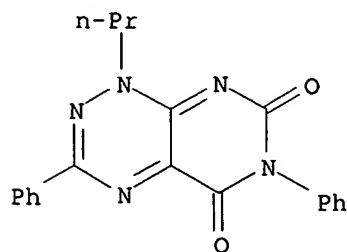
RN 164520-08-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-09-6 CAPLUS

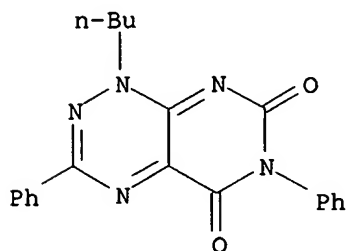
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-  
(9CI) (CA INDEX NAME)



10/520,768

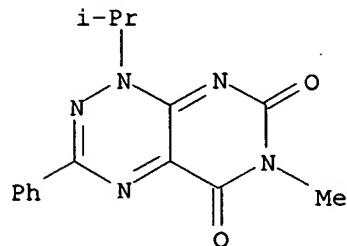
RN 164520-10-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



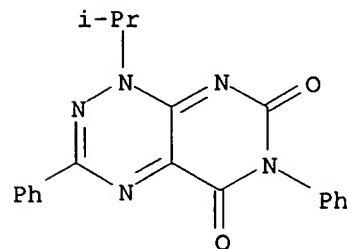
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



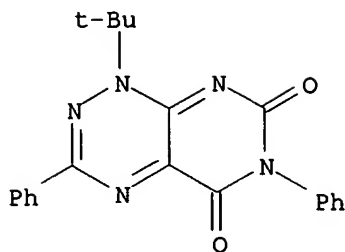
RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)

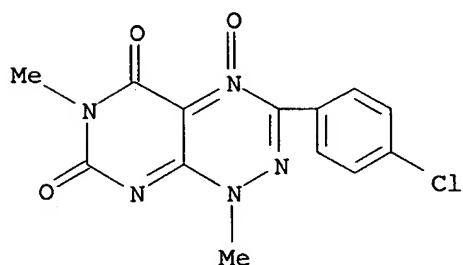


RN 164520-19-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



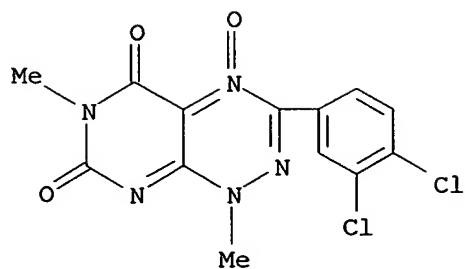
L4 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1993:449351 CAPLUS  
 DN 119:49351  
 TI Syntheses of 3-substituted 1-methyl-6-phenylpyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-diones (6-phenyl analogs of toxoflavin) and their 4-oxides, and evaluation of antimicrobial activity of toxoflavins and their analogs  
 AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi; Hirota, Takashi; Yamato, Masatoshi; Kido, Yutaka; Shibata, Motoo; Yoneda, Fumio  
 CS Fac. Pharm. Sci., Okayama Univ., Okayama, 700, Japan  
 SO Chemical & Pharmaceutical Bulletin (1993), 41(2), 362-8  
 CODEN: CPBTAL; ISSN: 0009-2363  
 DT Journal  
 LA English  
 IT 32496-15-4 32496-16-5 32502-63-9  
 42285-61-0 42285-69-8 57024-55-2  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
 (bactericidal and fungicidal activity of)  
 RN 32496-15-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 32496-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

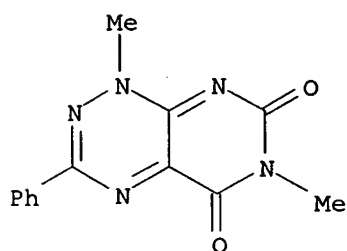


10/520,768



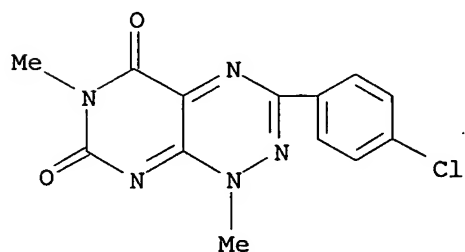
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



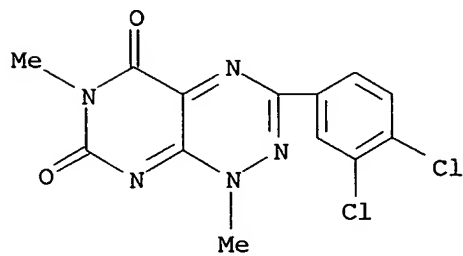
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl- (9CI) (CA INDEX NAME)



RN 42285-69-8 CAPLUS

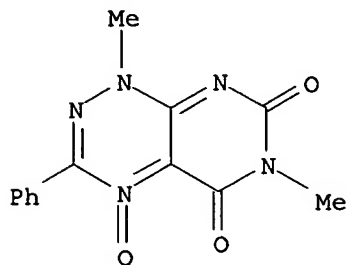
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-  
1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 57024-55-2 CAPLUS

10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
4-oxide (9CI) (CA INDEX NAME)

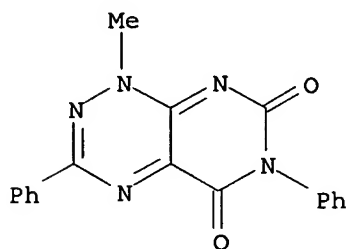


IT 148613-62-1P 148613-63-2P 148613-64-3P  
148613-65-4P 148613-66-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation, bactericidal and fungicidal activity of, and oxidation of)

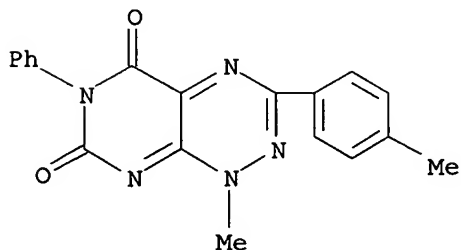
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



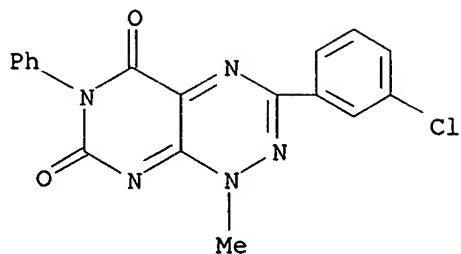
RN 148613-63-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-  
methylphenyl)-6-phenyl- (9CI) (CA INDEX NAME)



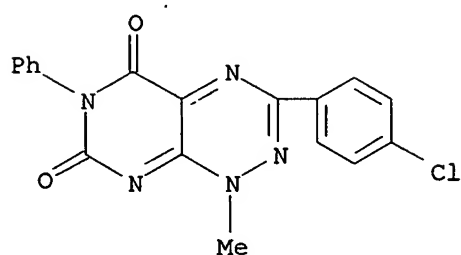
RN 148613-64-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-  
methyl-6-phenyl- (9CI) (CA INDEX NAME)



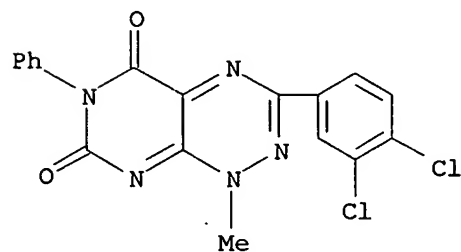
RN 148613-65-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



RN 148613-66-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



IT 148613-67-6P 148613-68-7P 148613-69-8P

148613-70-1P 148613-71-2P 148613-72-3P

148613-73-4P

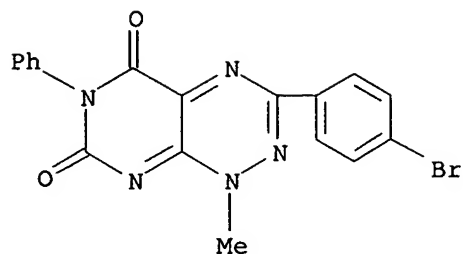
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation, bactericidal and fungicidal activity, and reactions of)

RN 148613-67-6 CAPLUS

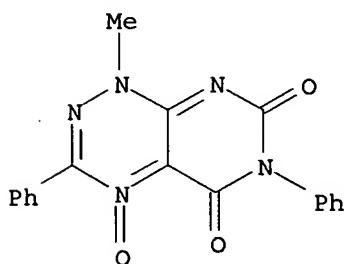
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)

10/520,768



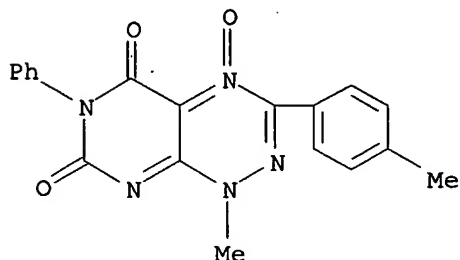
RN 148613-68-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-, 4-oxide (9CI) (CA INDEX NAME)



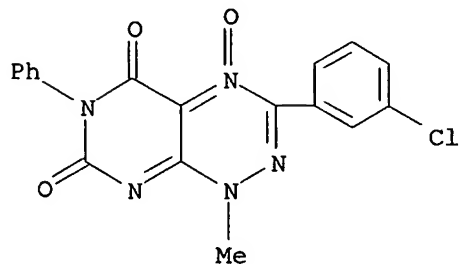
RN 148613-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-70-1 CAPLUS

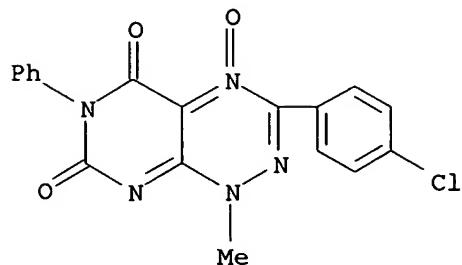
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-71-2 CAPLUS

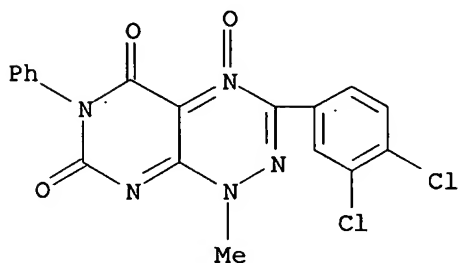
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



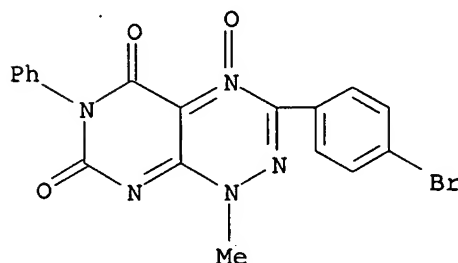
RN 148613-72-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-73-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:633685 CAPLUS

DN 117:233685

TI Purines, pyrimidines, and their condensed analogs. IX. On the synthesis of 1-R-pyrazolo[3,4-d]pyrimidine-4,6-diones

AU Smirnova, L. P.; Pozharskii, A. F.; Ivanova, I. A.; Chernyshev, A. I.

CS Rostov. Gos. Univ., Rostov, 344090, Russia

SO Khimiya Geterotsiklicheskih Soedinenii (1992), (2), 219-24

CODEN: KGSSAQ; ISSN: 0132-6244

DT Journal

LA Russian

OS CASREACT 117:233685

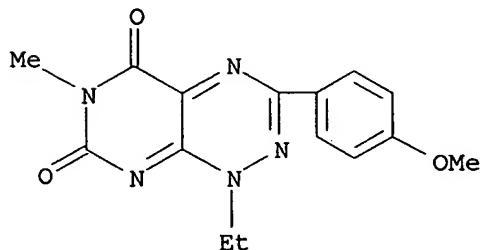
IT 144294-65-5P 144294-66-6P

10/520,768

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

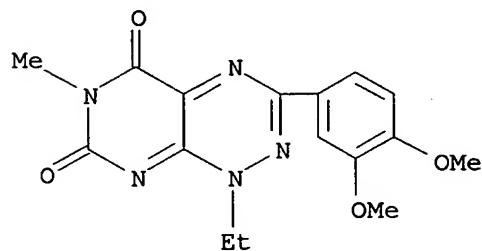
RN 144294-65-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 144294-66-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1978:507158 CAPLUS

DN 89:107158

TI Magnetic circular dichroism spectra of some 3-arylflavonulins and 3-aryltloxoflavins

AU Yamaguchi, H.; Kuwata, R.; Yoneda, F.

CS Fac. Sci., Kumamoto Univ., Kumamoto, Japan

SO Journal of Heterocyclic Chemistry (1978), 15(4), 615-18

CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

LA English

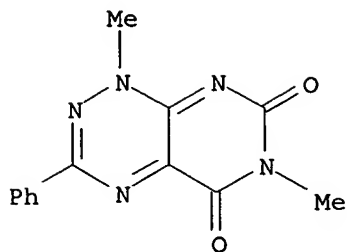
IT 32502-63-9 42285-61-0 52348-60-4

RL: PRP (Properties)

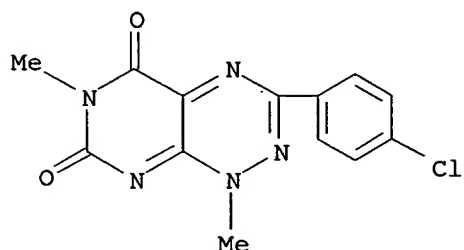
(magnetic CD of)

RN 32502-63-9 CAPLUS

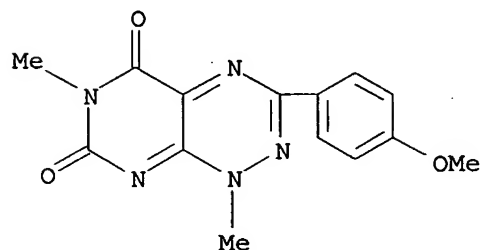
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52348-60-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



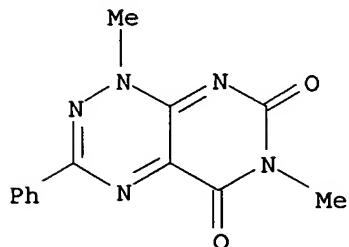
L4 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1977:139991 CAPLUS  
 DN 86:139991  
 TI Syntheses of isoalloxazines, alloxazines, toxoflavines, and fervenulins by oxidative cyclization of the Michael-type adducts from substituted 6-aminouracils and azo-compounds  
 AU Yoneda, Fumio; Sakuma, Yoshiharu; Nagamatsu, Tomohisa; Mizumoto, Shunjiro  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1976), (22), 2398-402  
 CODEN: JCPRB4; ISSN: 0300-922X  
 DT Journal  
 LA English  
 IT 32502-63-9P 42285-61-0P 52199-05-0P  
 52199-06-1P 52348-60-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)

10/520,768

(preparation of)

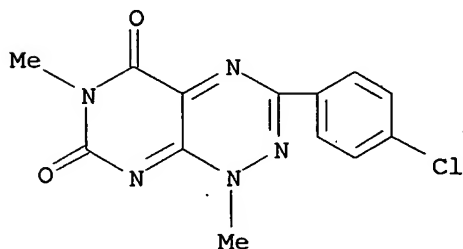
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



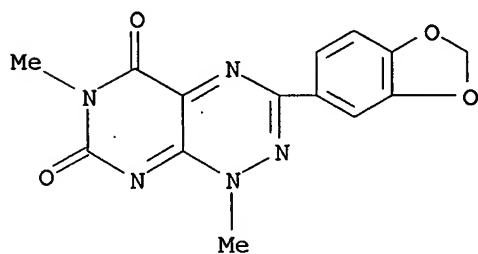
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl- (9CI) (CA INDEX NAME)



RN 52199-05-0 CAPLUS

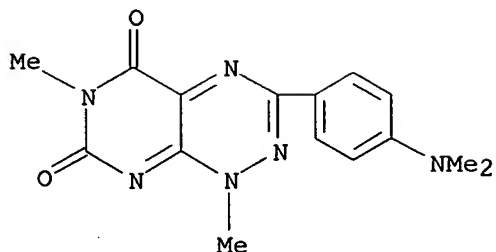
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-  
1,6-dimethyl- (9CI) (CA INDEX NAME)



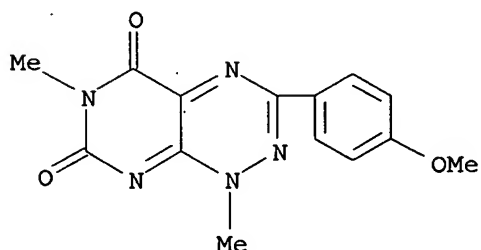
RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-  
(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)

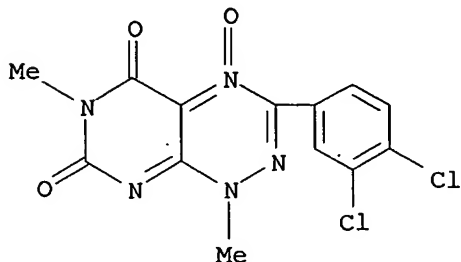




RN 52348-60-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



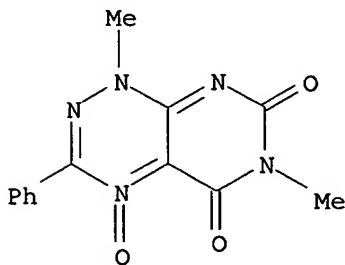
L4 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1977:43663 CAPLUS  
 DN 86:43663  
 TI 6-Azapurines (imidazo[4,5-e]-as-triazines)  
 AU Yoneda, Fumio; Nagamura, Tetsuya; Kawamura, Mitsuko  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of the Chemical Society, Chemical Communications (1976), (16), 658-9  
 CODEN: JCCCAT; ISSN: 0022-4936  
 DT Journal  
 LA English  
 OS CASREACT 86:43663  
 IT **32496-16-5 57024-55-2 57562-64-8**  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (reductive ring contraction of)  
 RN 32496-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57024-55-2 CAPLUS

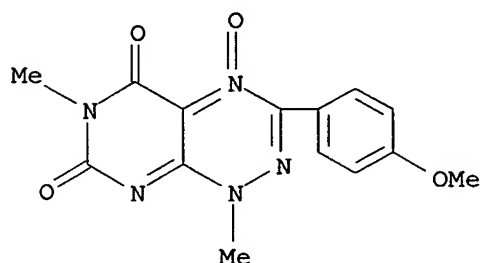
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:446583 CAPLUS

DN 85:46583

TI A novel conversion of 7-azapteridines to purines

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Heterocycles (1976), 4(4), 749-52

CODEN: HTCYAM; ISSN: 0385-5414

DT Journal

LA English

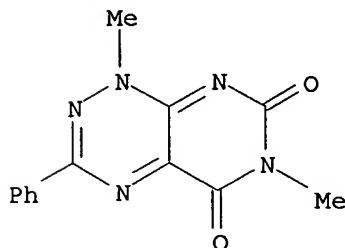
IT **32502-63-9 42285-61-0 42285-69-8**

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with formamide, purine derivative from)

RN 32502-63-9 CAPLUS

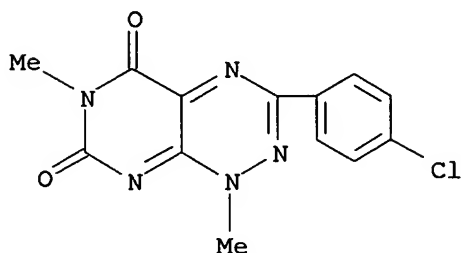
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, (9CI) (CA INDEX NAME)



10/520,768

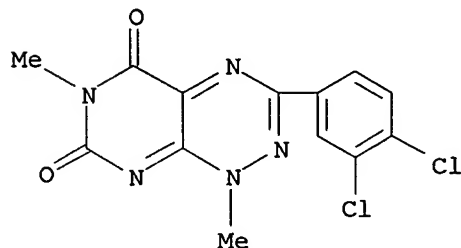
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 42285-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:421301 CAPLUS

DN 85:21301

TI A new synthesis of pyrimido[4,5-e]-as-triazine 4-oxides by nitrosative cyclization of aldehyde uracil-6-ylhydrazones in the presence of diethyl azodiformate

AU Yoneda, Fumio; Nagamatsu, Tomohisa; Shinomura, Kazuko

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1976), (7), 713-15

CODEN: JCPRB4; ISSN: 0300-922X

DT Journal

LA English

OS CASREACT 85:21301

IT 32496-15-4P 32496-16-5P 57024-55-2P

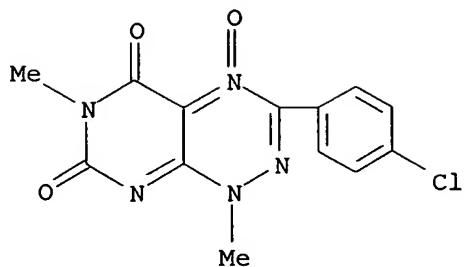
57562-64-8P 60026-35-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 32496-15-4 CAPLUS

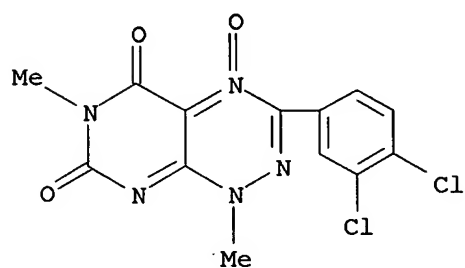
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

10/520,768



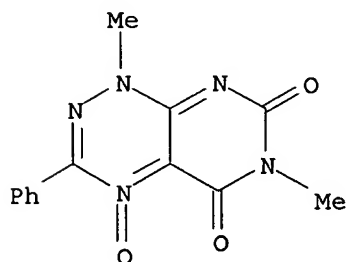
RN 32496-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



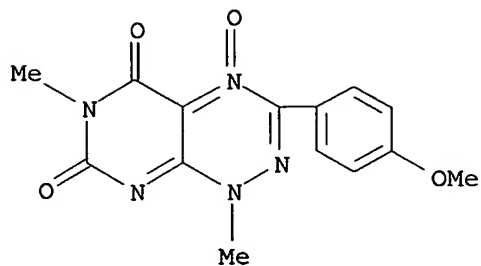
RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



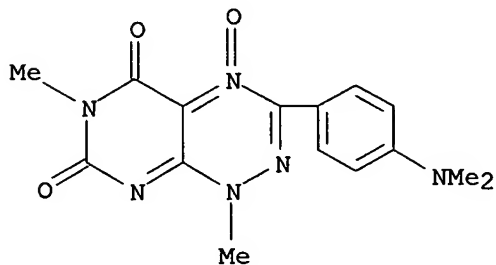
RN 57562-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 60026-35-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:17293 CAPLUS

DN 84:17293

TI New syntheses of fervenulin (1,3-dimethyl-7-azalumazine) and analogs

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Bulletin of the Chemical Society of Japan (1975), 48(10), 2884-7

CODEN: BCSJA8; ISSN: 0009-2673

DT Journal

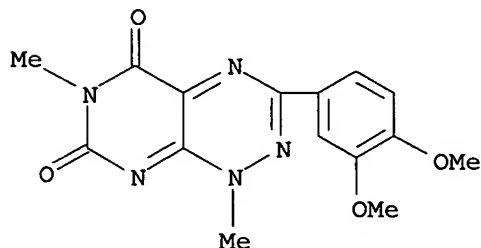
LA English

IT 32502-16-2 32502-63-9 42285-61-0

RL: RCT (Reactant); RACT (Reactant or reagent)  
(isomerization of, fervenulins from)

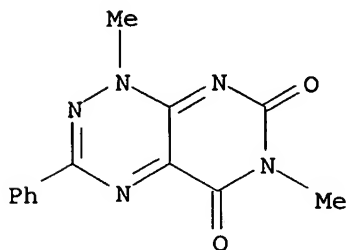
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

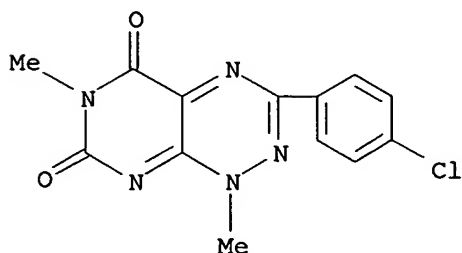
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



10/520,768

RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:4913 CAPLUS

DN 84:4913

TI Convenient synthesis of toxoflavins, toxoflavin 4-oxides, and 1-demethyltoxoflavins

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Chemical & Pharmaceutical Bulletin (1975), 23(9), 2001-9

CODEN: CPBTAL; ISSN: 0009-2363

DT Journal

LA English

IT 32496-15-4P 32496-16-5P 32502-16-2P

32502-63-9P 42285-61-0P 42285-69-8P

52199-05-0P 52199-06-1P 52348-60-4P

57024-55-2P 57562-64-8P 57562-65-9P

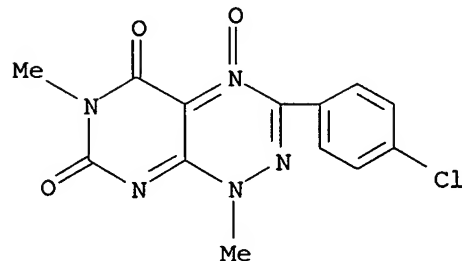
57562-66-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and demethylation of, by nucleophiles)

RN 32496-15-4 CAPLUS

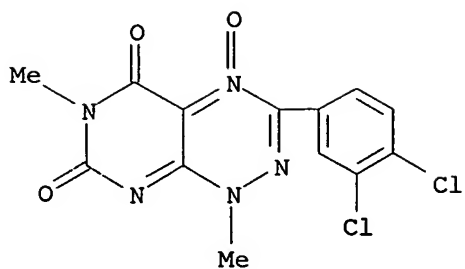
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 32496-16-5 CAPLUS

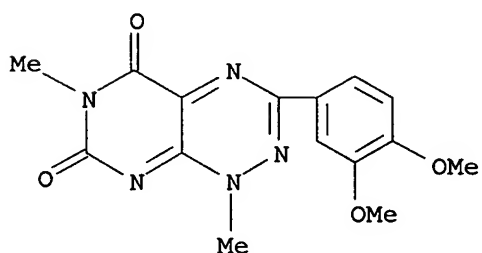
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

10/520,768



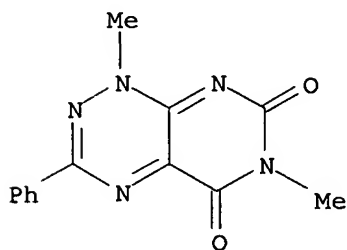
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



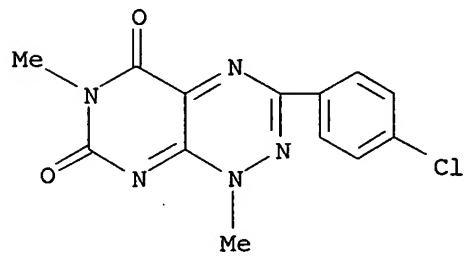
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

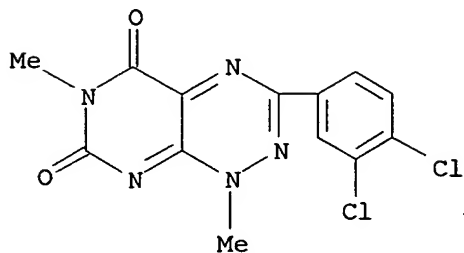
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 42285-69-8 CAPLUS

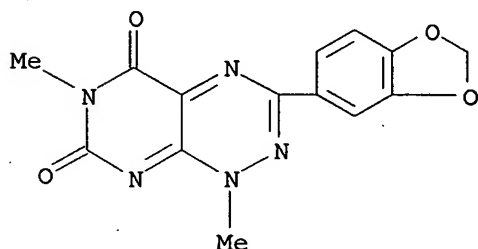
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



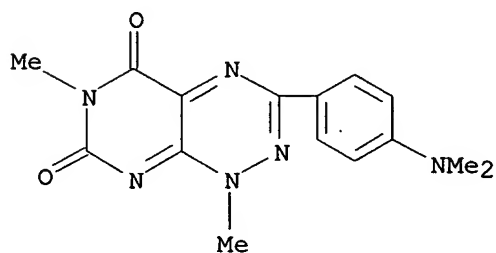
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)

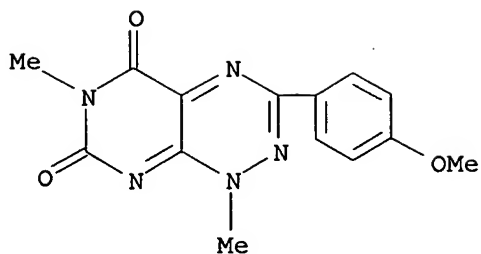


RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

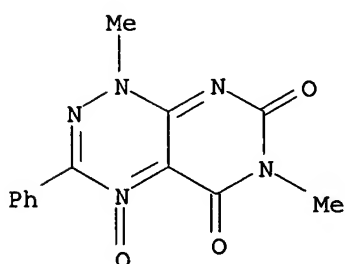


10/520,768



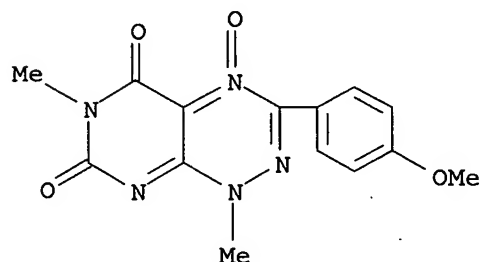
RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



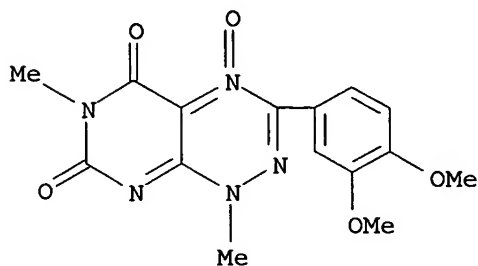
RN 57562-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-65-9 CAPLUS

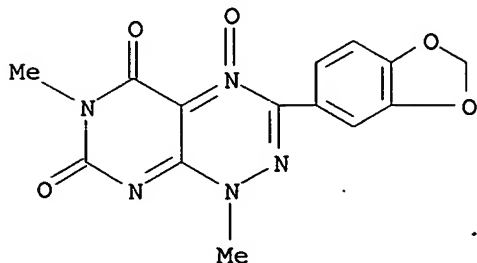
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-66-0 CAPLUS

10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1975:578988 CAPLUS

DN 83:178988

TI Cyclization reactions of some 5-nitro- and 5-nitroso-6-benzylidenehydrazinouracils

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Chemical & Pharmaceutical Bulletin (1975), 23(8), 1885-8

CODEN: CPBTAL; ISSN: 0009-2363

DT Journal

LA English

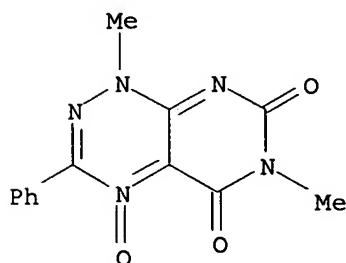
OS CASREACT 83:178988

IT 57024-55-2P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1975:443279 CAPLUS

DN 83:43279

TI New synthetic method of toxoflavin derivatives

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Synthesis (1975), (3), 177-9

CODEN: SYNTBF; ISSN: 0039-7881

DT Journal

LA English

IT 32502-63-9P 42285-61-0P 52199-05-0P

52199-06-1P 52348-60-4P

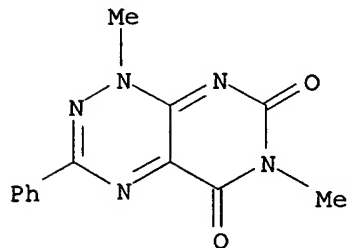
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

10/520,768

(Reactant or reagent)  
(preparation and ring closure of)

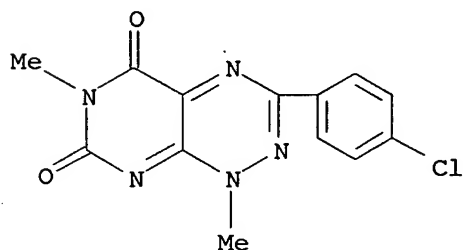
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



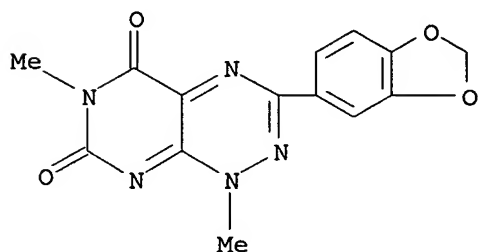
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl- (9CI) (CA INDEX NAME)



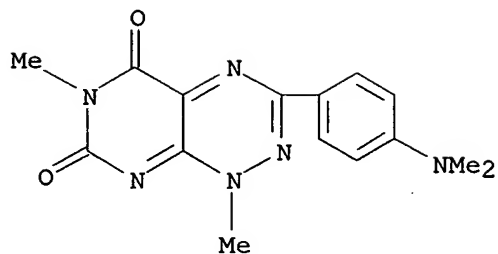
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-  
1,6-dimethyl- (9CI) (CA INDEX NAME)

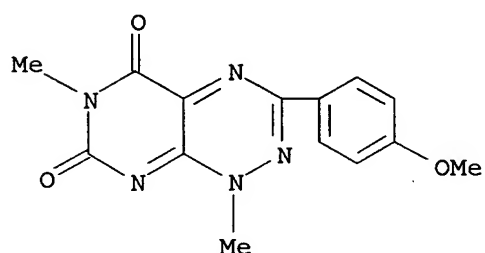


RN 52199-06-1 CAPLUS

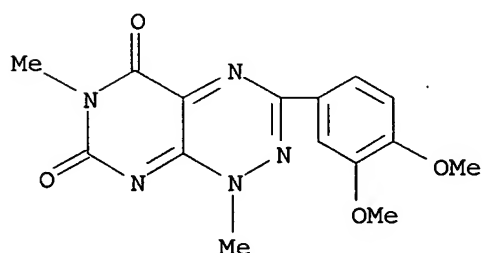
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-  
(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52348-60-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



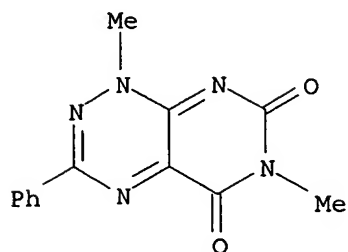
L4 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1974:491479 CAPLUS  
 DN 81:91479  
 TI New method for the transformation of toxoflavines to fervenulins  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of Heterocyclic Chemistry (1974), 11(2), 271-3  
 CODEN: JHTCAD; ISSN: 0022-152X  
 DT Journal  
 LA English  
 IT 32502-16-2 32502-63-9 42285-61-0  
 52199-05-0 52199-06-1 52348-60-4  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (reaction with dimethylformamide acetal, in fervenulin preparation)  
 RN 32502-16-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-

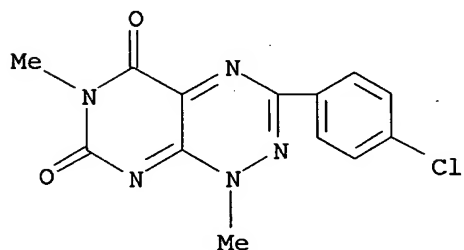
10/520,768

(9CI) (CA INDEX NAME)



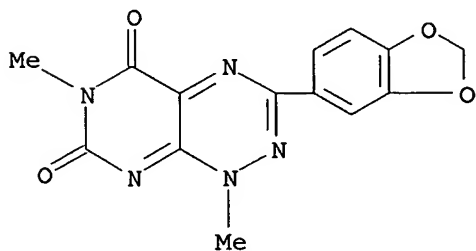
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



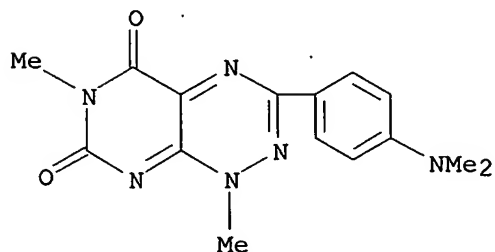
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

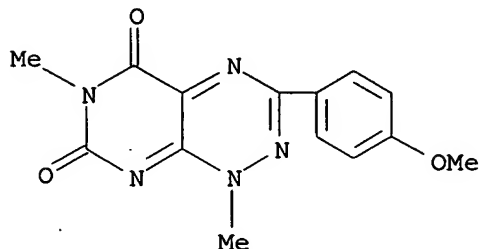


RN 52199-06-1 CAPLUS

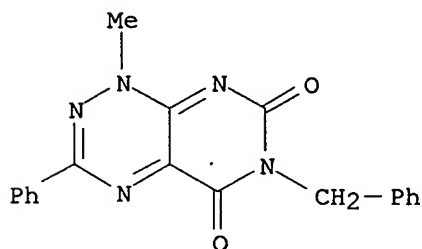
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



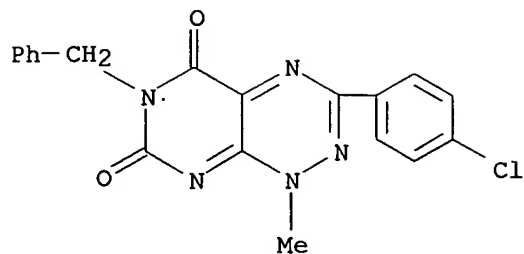
RN 52348-60-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



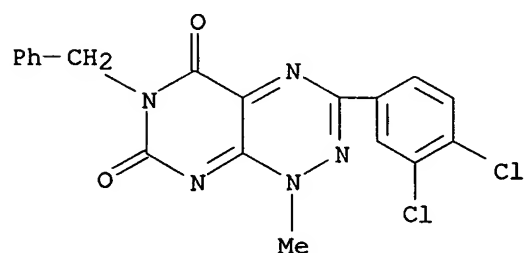
L4 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1974:120872 CAPLUS  
 DN 80:120872  
 TI Synthesis and properties of 6-benzyl analogs of toxoflavin  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa; Ichiba, Misuzu  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of Heterocyclic Chemistry (1974), 11(1), 83-5  
 CODEN: JHTCAD; ISSN: 0022-152X  
 DT Journal  
 LA English  
 IT 52197-57-6P 52197-58-7P 52197-59-8P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 52197-57-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



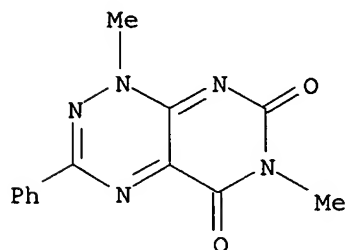
RN 52197-58-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 52197-59-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1973:514770 CAPLUS  
 DN 79:114770  
 TI Transmethylation from toxoflavines to nucleophiles  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of the American Chemical Society (1973), 95(17), 5735-7  
 CODEN: JACSAT; ISSN: 0002-7863  
 DT Journal  
 LA English  
 OS CASREACT 79:114770  
 IT **49700-74-5**  
 RL: PRP (Properties)  
 (ESR of)  
 RN 49700-74-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, radical ion(1-) (9CI) (CA INDEX NAME)



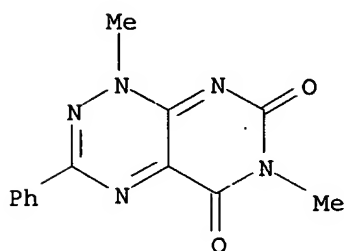
IT **49700-78-9P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)

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(preparation of)  
RN 49700-78-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
compd. with 1-methyl-1H-indole (1:1) (9CI) (CA INDEX NAME)

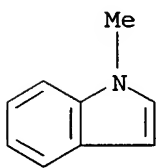
CM 1

CRN 32502-63-9  
CMF C13 H11 N5 O2

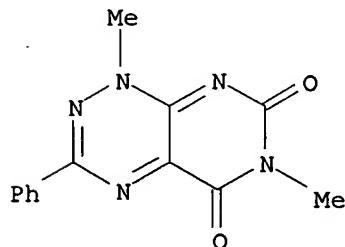


CM 2

CRN 603-76-9  
CMF C9 H9 N



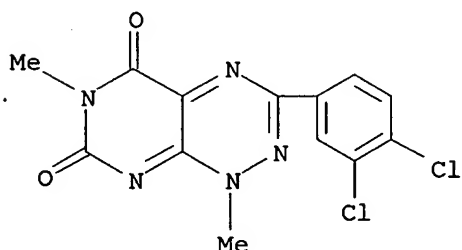
IT **32502-63-9**  
RL: PRP (Properties)  
(transmethylation reaction of, with nucleophiles)  
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



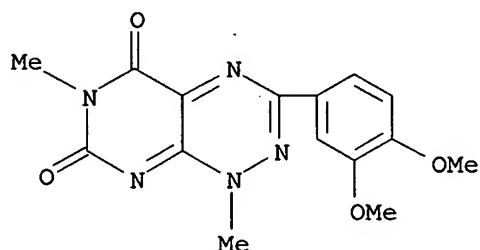
L4 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1973:466325 CAPLUS  
DN 79:66325  
TI Transformation of toxoflavines into fervenulins via 1-demethyltoxoflavines



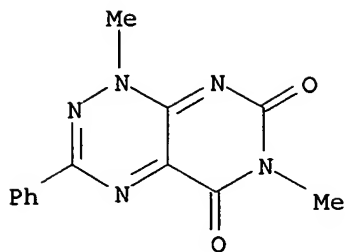
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
SO Tetrahedron Letters (1973), (17), 1577-80  
CODEN: TELEAY; ISSN: 0040-4039  
DT Journal  
LA English  
IT **42285-69-8**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(demethylation of)  
RN 42285-69-8 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-  
1,6-dimethyl- (9CI) (CA INDEX NAME)



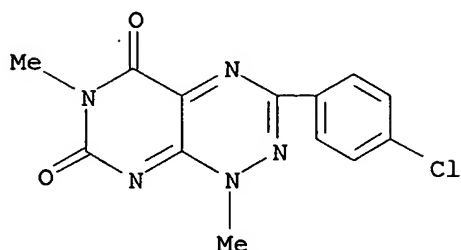
IT **32502-16-2P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 32502-16-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-  
1,6-dimethyl- (9CI) (CA INDEX NAME)



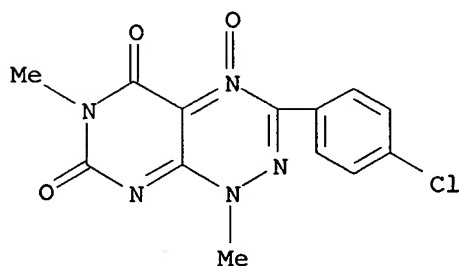
IT **32502-63-9 42285-61-0**  
RL: PROC (Process)  
(transformation of, into fervenulins)  
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



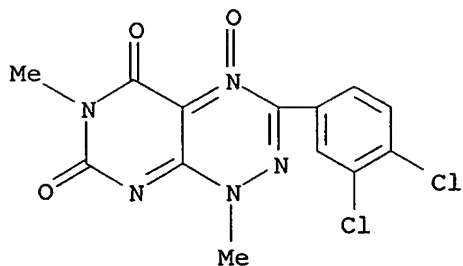
L4 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1971:405866 CAPLUS  
 DN 75:5866  
 TI Convenient synthesis of toxoflavines and toxoflavine N-oxides  
 AU Yoneda, Fumio; Shinomura, Kazuko; Nishigaki, Sadao  
 CS Sch. Med., Keio Univ., Tokyo, Japan  
 SO Tetrahedron Letters (1971), (13), 851-4  
 CODEN: TELEAY; ISSN: 0040-4039  
 DT Journal  
 LA English  
 IT **32496-15-4P 32496-16-5P 32502-16-2P**  
**32502-63-9P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 32496-15-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 32496-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-

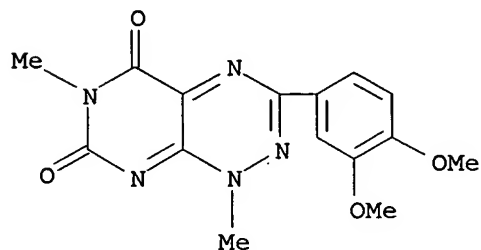
10/520,768

1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



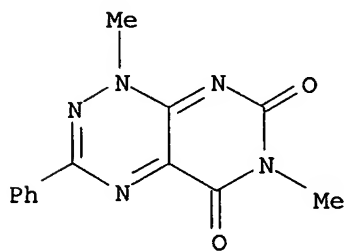
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

75.03

TOTAL

SESSION

236.57

STN INTERNATIONAL LOGOFF AT 16:01:15 ON 23 AUG 2005